SUBJECT INDEX

The alphabetically ordered subject index contains entries based on the most important subjects mentioned in the title and abstracts. The chemical names used in the index terms are chosen on the basis of the nomenclature recommended by the International Union of Pure and Applied Chemistry. Organic compounds are indexed at the parent compounds followed by the substituent groups; esters and salts of organic acids are indexed under the names of their acid constituents. As far as possible, dyes are indexed under the Colour Index names; the names given to enzymes are those recommended by the International Union of Biochemistry; drugs are indexed at their official B.P. or B.P.C. names or the Approved Names recommended by the British Pharmacopoeia Commission; and pesticides are indexed at the names recommended by the British Standards Institution.

A

abscisic acid, detmn. of abscisic acid and metabolites, by LC-electrospray MS, extraction in, 12H228

accreditation, of reference materials, 12A10

acephate, detmn of, in air, sensors for, 12H56

acetic acid derivatives, chloro-, detmn. of, in air, plants, rain and soil, by GC-MS, 12H25

acetic acid derivatives, halo-, detmn. of, in biological materials, by GC-MS, detectors for, derivatization in, 12H68

acetic acid, dichloro-, detmn. of, in air, plants, rain and soil, by GC-MS, 12H25

acetic acid, indol-3-yl-, assay of, sensors for, 12A79

acetic acid, (2-methoxyethoxy)-, quantification of, in urine, by GC-MS, 12F395

acetic acid, 6-methoxy-2-naphthyl-, detmn. of, in biological materials, by HPLC-MS, 12G64

acetic acid, trichloro-, detmn. of, in air, plants, rain and soil, by GC-MS, 12H25

acetochlor, detection of, immunosensors for, 12H198

acids, detmn. of total, in strawberry, by titrimetry, 12H331 measure of partition coefficients of, by MEKC, 12D108

acrylamide, detmn. of, in coffee, snuff and water, by GC-tandem MS, 12H77

acrylic acid butyl ester, detmn. of, in waste water and water, by GC, 12H31

acrylonitrile, study of electrochemical behaviour of diphenyl disulfide and thiophenol in, by cyclic voltammetry, 12D131

actinides, analysis of small non-conducting samples of, by glow-discharge MS, sources for, 12C76

detmn. of, by ICP MS, dynamic reaction cells for, 12D54 detmn. of, in environmental materials, by XRF, 12H22

ademetionine, detmn. of, in dietary supplements, by capillary electrophoresis, 12G172

adenosine, detmn. of, by fast scan voltammetry, electrodes for, 12F388 detmn. of, in Flos Carthami, by capillary electrophoresis, 12G242

detnin, ot, in Prox Carmani, by Capinary electrophoresis, 120242 adenosine 5'-monophosphate, analysis of, by MALDI TOF MS, reagents for, 12F288

adenosine 5'-triphosphate, detection of, in micro-organisms, by bioluminescence, in presence of ATP extractant, reagents for, 12F349 detmn. of, in deformed erythrocytes, by chemiluminescence, 12F22

detmi. of, in detorined erythocytes, by chemical detmin. of, in milk, pharmaceuticals and soil, by flow-injection chemiluminescence, 12G1

adenylate cyclase, detmn. of mRNA of, in endothelial biological cells, by real-time PCR, 12F329

adrenergic blocking agents, assay of, in biological fluids, by HPLC, 12G151

chiral sepn. of, by MEKC, stationary phases for, 12B62 detmn. of, by CZE, chiral selectors for, 12G141

sepn. of, by HPLC, mobile phase modifiers for, 12G142 adsorbents, for analysis of sorption of Phenol Blue, in acetonitrile/water, single ODS-silica gel microparticles as, 12B2

aerosols, detmn. of PAH in atmospheric, by GC-MS, SPE in, 12H57 extraction of nitro-PAH and oxo-PAH from urban, by SFE, 12H46

extraction of nitro-PAH and oxo-PAH from urban, by SFE, 12H46 **aflatoxins**, detmn. of, in peanut, by ELISA and LC-MS, extraction in,
12H350

agricultural materials, detmn. of napropamide in, by fluorimetry, 12H196

air, detection of nitric oxide in, sensors for, 12H55

detection of nitrogen dioxide in, sensors for, 12H54

detection of WOC in, by intra-cavity laser spectrometry, 12H38

detmn. of alkanes in, by GC, detectors for, in mains-gas leakage detection, 12H58

detmn. of beryllium-7 in, by γ-ray spectrometry, 12H42

detmn. of dichloroacetic acid and TCA in, by GC-MS, 12H25

detmn. of elements in, by ICP AES, 12H45

detmn. of elements in, by NAA and PIXE, 12H52

detmn. of fluorohydrocarbons and VOC in, by GC, GC-MS and ion chromatography, 12H47

detmn. of hydrogen in, sensors for, 12H53

detmn. of organophosphorus pesticides in, extraction in, 12H43

demn. of ozone and VOC reaction products in indoor, by GC and HPLC, 12H44

detmn. of ozone in, by flow-injection chemiluminescence, 12H37

detmn. of PBDE in, by GC-MS, 12H51

detmn. of pesticides in, sensors for, 12H56

detmn. of semi-VOC and VOC in, by GC-MS and MS, membrane interfaces for, 12H41

detmn. of VOC in, by ion-trap MS, 12H33

detmn. of VOC in, by ion-trap MS, SPME in, 12H40

measurement of oxygen isotope ratios in dissolved, by dual-inlet MS, 12H35

sampling of VOC in, by SPME, calibration of, 12H39

airborne particulates, detmn. of, by LC, 12H182 detmn. of hydroxy-radicals in, by ESR, 12H49

albendazole sulphoxide, sepn. of enantiomers of, by SFC, 12G69

albumin, detmn. of, in biological fluids, by flow-injection chemiluminescence, 12F171

detmn. of, in serum, by LC-MS, sample prep. in, 12F258 detmn. of, in urine, by immunoassay, reagents for, 12F229

study of binding of, by fluorimetry, reagents for, 12F209 **alcohols**, detmn. of, by ATR FTIR spectrometry, chemometrics in, diffusion behaviour in, 12C49

detmn. of, by high-speed GC, chemometrics in, 12B10

alcohols, ethoxy-, detmn. of, in soil, by LC-APCI MS, pressurized-fluid extraction in, 12H161

aldehydes, detmn. of, in exhaled breath and saliva, by APCIMS and GC, effect of whey protein on, 12F389

detmn. of, in goat's cheese, by GC-MS, SPME in, 12H322

aldehydes, aliphatic, detection of, sensors for, 12D115

algae, detmn. of arsenic compounds in, by ion chromatography-ICP MS, 12H261

alkaline-earth-metal ions, sepn. of, by centrifugal partition chromatography, stationary phases for, 12B49

alkaloids, detmn. of, in *Ipomoea carnea*, by GC-MS and ion-exchange chromatography, 12H222

detmn. of, in ipecacuanha, by CZE, 12G241

detmn. of, in poppies, by HPLC and HPTLC, 12H234

alkanes, detmn. of, by high-speed GC, chemometrics in, 12B10

detmn. of, in air, by GC, detectors for, in mains-gas leakage detection, $12 \mathrm{H} 58$

sepn. of, in environmental materials, by 2D HPLC, 12H13

alkanes, chloro-, detmn. of, in environmental materials, review, 12H123 alkanes, n-, detmn. of higher, in water, by GC, SPME in, 12A43

alkanoic acid, 2-aryloxy-, methyl esters, detmn. of, by HPLC, stationary phases for, 12B43

alloys, analysis of, by glow-discharge AES, detectors for, in multi-matrix analysis, 12C29

detmn. of metals in, by stopped-flow spectrophotometry, chemometrics in, 12D87

detmn. of thorium in, by ICP AES, extraction in, 12E66

Aloysia polystachya, identn. of organic compounds in essential oils of, by GC and GC-MS, effects of rust disease on, 12G218

alpha-HCH, sepn. of enantiomers of, by GC, instrumentation for, 12B17
Altingia excelsa, identn. of VOC in essential oils of leaves of, by GC-MS, 12G219

aluminium, detmn. of elements in high-purity. by ICP MS, SPE in, 12E18 detmn. of, in iron and titanium, by glow-discharge MS, relative sensitivity factors in, 12E20

detmn. of iron(III) in, by spectrophotometry, reagents for, 12H3

aluminium ion (Al³⁺), detmn. of, in biological materials and water, by ICP AES, sample prep. in, 12F41

detmn. of, in water, by ICP MS, sample prep. in, 12H73

ambroxol, detmn. of, in pharmaceuticals, by HPLC, detection in, 12G11 americium, detmn. of, in plants and soil, by alpha-particle spectrometry, 12H192

sepn. of, in nuclear waste, by SPE, adsorbents for, 12H152

americium-241, depth profiling of, in soil, by α -particle spectrometry, γ -ray spectrometry and ICP MS, 12H191

amines, detmn. of biogenic, by micellar LC, 12D106

detmn. of biogenic, in Drosophila melanogaster, by MEKC, 12F194 detmn. of, in rice wine, by MEKC, detection in, 12H358

detmn. of primary, in water, by fluorimetry, sample prep. in, 12H61 sepn. of enantiomers of, by microchip-based capillary electrophoresis, coatings for, 12D100

sepn. of, supported liquid membranes for, chiral carriers for, 12D110 amines, aliphatic, detmn. of, by spectrophotometry, 12D125

amines, alkylethoxy-, detmn. of, in soil, by LC-APCI MS, pressurizedfluid extraction in, 12H161

amines, aromatic, detmn. of, in tobacco smoke, by GC-tandem MS, 12H154

detmn. of, in water, by GC-MS, 12H107

amino-acid derivatives, sepn. of enantiomers of, by capillary electrochromatography, stationary phases for, 12C62

amino-acids, detmn. of aromatic, by microchip-based capillary electrophoresis, detectors for, 12F298

detmn. of, by electrophoresis, detection in, microfluidic systems for, 12B55

detmn. of, by ion chromatography, detectors for, 12F296

detmn. of, in BSA and lipids, by bioassay, HPLC and spectrophotometry, 12F245

detmn. of, in honey, by HPLC, chemometrics for, 12H275

detmn. of, in honey, by HPLC, chemometrics in, in study of effects of botanical source, 12H27

detmn. of, in rice wine, by MEKC, detection in, 12H358

sepn. of aromatic, by capillary electrophoresis, sample stacking in, 12D96

sepn. of enantiomers of, by capillary electrophoresis, resolution in, optimization of, chemometrics in, 12B58

sepn. of enantiomers of, by LC, stationary phases for, 12F270

sepn. of enantiomers of dansyl derivatives of, by capillary electrophoresis, chiral selectors for, 12F285

sepn. of, supported liquid membranes for, chiral carriers for, 12D110 study of complexation of sulfur-containing, with zinc ion, by differential pulse polarography, 12F235

β-amino-acids, sepn. of, by LC, stationary phases for, 12F223

amino-acids, dansyl-, sepn. of enantiomers of, by electrochromatography, columns for, 12F244

amino-sugars, detmn. of, in water, by HPLC, detection in, 12H105 aminothiols, detmn. of, in CSF, plasma and urine, by HPLC, 12F297 amitraz, detmn. of, in canine plasma, by SPME-GC, detection in, 12G260 ammonia, detection of, sensors for, 12D78

detection of, sensors for, effect of humidity on, 12D79

detmn. of gas, sensors for, 12A81

detmn. of, in beer, by flow-injection spectrophotometry, pervaporation in, 12H373

ammonium ion (NH4+), detmn. of, in water, sensors for, 12H64

amperometry, differential pulse, in detmn. of nitric oxide production, by lesioned retina, electrodes for, 12F37

electrodes for, prussian-blue-modified glassy-carbon-paste, in detmn. of hydrogen peroxide, 12A97

flow-injection, in detmn. of persulfate, in hair bleaching products, electrodes for, 12E116

in study of electrochemical stabilities of nanospray emitters, 12A95 amphetamine, detmn. of, and its metabolites, in urine, by capillary electrophoresis-MS, 12G183

amylopectin, measurement of mol. mass of, in potato, by FFF, 12H348 anabolic agents, sepn. of, by micellar LC, optimization of, 12G179 analgesics, detmn. of 4-aminophenol in, by HPLC, 12G48

analytical chemistry, bio-, use of nanoparticles in, review, 12A1 education in, at university level, inter-relationships between disciplines in, overview, 12A12

in mass detmn., uncertainty evaluation in, air buoyancy correction, chemometrics for, 12A13

analytical standards, copper alloys as, in analysis of bronze archaeological materials, by XRF, 12E32

CRM as, definition for, 12A11

CRM as, for Japanese diet, detmn. of elements in, by NAA, 12H244 CRM as, in speciation of selenium, validation of, 12D81

CRM as, overview, 12A2

detmn. of elements in, by NAA, in quality assurance, 12C93 detmn. of iron isotopes in, by ICP MS and isotope dilution, 12C85 detmn. of silicon in SRM 295x silica-on-filter, by ICP MS, 12A7

detmn. of trace elements in, by ICP MS and isotope dilution, 12C83 detmn. of zinc in NIST 1643d, by ICP AES, 12A4

for detmn. of trace oestriol, by GC-MS, deuterated oestriol as, 12F155 for gaseous mixtures, preparation of, thermal decomposition for, review,

preparation of gaseous mixture, by surface compound thermal decomposition, support materials for, glass fibre as, 12D5

rare-earth glass, for x-axis calibration, in NIR spectrometry, evaluation of homogeneity of, chemometrics for, 12C55

reference materials as, accreditation of, 12A10

reference materials as, element-specific homogeneity of, 12A3 reference materials as, for drugs of abuse, in hair, 12G21

sample prep. of, automation in, 12A5

anastrozole, detmn. of, in pharmaceuticals, by GC, 12G107

aniline, 2,4-dichloro-, detmn. of, in soya bean and Triticum aestivum, by HPLC-MS, 12H218

anions, detection of, by fluorescence, ionophores for, 12D16

detmn. of, by electrospray MS, 12D8

detmn. of, in liquid crystals, by ion chromatography, 12E38 anisole, pentachloro-, detmn. of, in asparagus, by GC-MS, 12H353

anthocyanins, detmn. of, in grape, by MEKC, 12H329 detmn. of, in strawberry, by spectrophotometry, 12H331

detmn. of, in urine, by HPLC, 12F44

detmn. of, in wine, by HPLC, 12H362 detmn. of, in wine, by HPLC, effect of storage on, 12H360

anthraquinone derivatives, hydroxy-, detmn. of, in biological fluids and rhubarb Chinese traditional medicines, by HPLC, 12G244

anthraquinones, identn. of, in natural red dyes, by HPLC-electrospray MS, 12E113

antibacterials, detmn. of, in urine, biosensors for, 12F96

antibiotics, detmn. of, in biological tissues, from animals for human consumption, by capillary electrophoresis, 12H302

detmn. of, in fish and meat, by LC-electrospray MS, 12H281

detmn. of, in waste water and water, by HPLC-electrospray MS, SPE in, 12H106

detmn. of sulfur-containing, by electrophoresis, detection in, microfluidic systems for, 12B55

antibiotics, aminoglycoside, detmn. of, by HPLC, derivatization in,

antibiotics, \u03b3-lactam, detmn. of, in plasma, by differential pulse voltammetry, electrodes for, 12A98

antibodies, detection of anti-livin, in serum, by ELISA, in diagnosis of gastrointestinal cancer, 12F230

detection of interactions of, with antigens, sensors for, 12F114

detmn. of anti-glutamic acid decarboxylase, by bead injection ELISA, 12F222

of hapten-specific, by affinity chromatography and ELISA, 12F170

study of interactions of, with antigens, by fluorescence, binding matrices for, functionalized self-assembled monolayer-modified gold microchips as, 12F32

antidepressants, detmn. of, in blood, by GC, SPE in, 12G89

detmn. of, in human milk, by capillary electrophoresis, LPME in, 12G86

detmn. of, in urine, by GC, 12G108

Antidesma laciniatum, identn. of VOC in essential oils of leaves of, by GC and GC-MS, 12H217

antifouling agents, detmn. of, in marine sediments, by GC-MS, SPME in,

antifungal agents, detmn. of imidazole, in antidandruff shampoo, by HPLC, 12G95

antigens, detection of, by ELISA, 12F68

detection of interactions of, with antibodies, sensors for, 12F114

detection of squamous cell carcinoma, in biological tissues, by immunoblotting and SDS-PAGE, 12F238

detmn. of, by two bead immunoassay, 12F212

study of interactions of, with antibodies, by fluorescence, binding matrices for, functionalized self-assembled monolayer-modified gold microchips as, 12F32

anti-inflammatories, detmn. of, in waste water and water, by LC-electrospray MS, 12H83

antimalarials, detmn. of, by TLC-densitometry, 12G122

antimony, detmn. of, by ET AAS, modifiers for, 12C45

detmn. of, peat and plants, by hydride generation AFS, 12H224 measurement of isotope ratios of, in trimethylstibine, by GC-ICP MS,

antineoplastics, detmn. of, in urine, by HPLC, 12G109

detmn. of triplatinum, in plasma, by HPLC-ICP MS, 12G115

study of DNA interactions of, in hepatocytes, by fluorescence microscopy, 12G113

antioxidants, detmn. of, by luminescence and spectrophotometry, reagents for, 12G233

detmn. of, in biological materials, by LC-MS, review, 12F384

detmn. of, in grape, by LC-MS, 12H352

detmn. of, in Mentha species, by LC, 12H374

detmn. of, in wine, by HPLC, effect of storage on, 12H360

antithrombin, detection of methionine- and methionine sulfoxidecontaining peptides in, by MALDI MS, SPE in, 12F291

aorta, characterization of versican in, by GPC, HPLC, immunoblotting and PAGE, 12F226

aplidine, detmn. of, in plasma, by LC-tandem MS, 12G121

apolipoproteins, detmn. of, in serum, by IEF and MALDI TOF MS,

apomorphine, detmn. of, in pharmaceuticals, by flow-injection differential pulse voltammetry, 12G200

apple juice, classification of, by NIR spectrometry, chemometrics in, 12H328

detmn. of ascorbic acid in, by FIA, ISE for, 12A69

detmn. of patulin in, by LC - AP-photoionization MS, columnswitching in, 12H370

aqueous humor, detmn. of lignocaine and its metabolites in, by HPLC,

detmn. of lutein and zeaxanthin in, by HPLC, 12F396

arachidonic acid, 20-hydroxy-, detmn. of, in microsomal incubations, by HPLC-MS, 12F141

archaeological materials, analysis of ancient art materials, review, 12E123

analysis of bronze, by XRF, analytical standards for, 12E32

analysis of corroded bronze, by microscopy, SEM, synchrotron radiation FTIR spectrometry, synchrotron radiation XRD, TOF SIMS and X-ray absorption near-edge structure spectrometry, 12E118

detmn. of trace elements in gold, by ion micro-probe analysis, in study of metal provenance, 12E121

arecoline, detmn. of, in meconium, umbilical cord serum and urine, by HPLC-electrospray MS, 12G70

arginine, detection of, by HPTLC and TLC, iodine-azide reaction for, 12F284

argon, study of properties of plasma of, in pulsed glow electrical discharges, by AES, 12D32

aristolochic acid, detmn. of, in herbal medicines, by HPLC and HPLC-MS, 12G243

aristolochic acid II, detmn. of, in Chinese traditional medicines, by HPLC and HPLC-MS, 12G243

aroma compounds, detmn. of, and precursors, in wine, by GC and GC-MS, SPE in, in study of bacterial malolactic fermentation, 12H364 detmn. of, in virgin olive oil, by GC, role of olive seed in synthesis of,

detmn. of, in wine, by GC-MS and potentiometric titrimetry, 12H359 aromatic compounds, detection of, sensors for, 12D137

detmn. of, by parallel column HPLC, data processing in, 12B26 detmn. of, in gasoline and water, by ion-trap MS, SPME in, 12H40

study of retention mechanism in sepn. of, by reversed-phase LC, mathematical models for, 12B47

study of retention mechanism in sepn. of, by reversed-phase LC, mobile phases for, 12B47

study of retention mechanism in sepn. of, by reversed-phase LC, stationary phases for, 12B47

arsenic, detmn. of, by ET AAS, modifiers for, 12C45

detmn. of, by ICP AES, optimization of, 12D70

detmn. of, in naphtha, by ET AAS, preconcentration in, 12E73

detmn. of, in petroleum, by AAS, sample prep. in, 12E72

detmn. of, in plants, by hydride generation-ET AAS, chemical modifiers for, 12H210

detmn. of, in tree bark, by ICP MS, 12H233 detmn. of, in water, by ET AAS, liquid-phase microextraction in, 12H95 detmn. of, in xylene, by ICP AES, nebulizers for, 12D24

detmn. of trivalent, in environmental materials, by AAS, 12H24 speciation of, in acid mine waste water, by bioassay, SEM, X-ray

absorption spectrometry and XRD, effect of bacteria on, 12H146 speciation of, in environmental materials, review, 12H10

speciation of, in molluses, by HPLC and ICP AES, 12F66

speciation of, in plants, sediments and water, by HPLC-ICP MS, 12H4 speciation of, in seaweed and urine, by electrospray MS and HPLC-ICP MS, 12F85

arsenic compounds, detmn. of, in food, by ion chromatography-ICP MS, 12H261

quantification of, by HPLC-ICP MS, microwave digestion in, 12D75 speciation of, in fish, by HPLC-ICP MS, 12H291

arseno-sugars, detmn. of, in food, by ion chromatography-ICP MS, 12H261

detmn. of, in urine, by HPLC-electrospray MS and HPLC-ICP MS, 12F87

art materials, analysis of ancient, review, 12E123

Artemisia annua, detmn. of artemisinin in, by SFC-APCIMS, 12G203 Artemisia vulgaris, identn. of organic compounds in essential oils of, by GC-MS, 12G217

artemisinin, detmn. of, in Artemisia annua, by SFC-APCIMS, 12G203 artichoke, detmn. of metabolites of extracts of, in plasma, by HPLC, detectors for, 12F55

asbestos, analysis of, review, 12E51

ascorbate, detmn. of, in photographic materials, by isotachophoresis, 12E94

ascorbic acid, analysis of, by HPLC, validation in, 12G174

detmn. of, in apple juice, pharmaceuticals and urine, by FIA, ISE for, 12A69

detmn. of, in brain, sensors for, 12F386

detmn. of, in pear, by HPLC, extraction in, effect of storage on, 12H338

detmn. of, in pharmaceuticals, sensors for, 12G171

detmn. of, in soya-bean oil and water, by HPLC, 12H91

detmn. of, in strawberry, by HPLC, 12H331

detmn. of, sensors for, 12A68, 12F34

asparaginase, solid-phase modification of, by affinity chromatography,

asparagus, detmn. of pentachloroanisole, pentachlorophenol and tribromophenol in, by GC-MS, 12H353

aspirin, detmn. of, in biological materials, by immunoassay, 12G58 detmn. of, in pharmaceuticals, by DSC and HPLC, 12G46

detmn. of, in pharmaceuticals, by flow-injection capillary electrophoresis, sample prep. in, 12G52

detmn. of, in pharmaceuticals, by HPLC, 12G42

detmn. of, in serum, by HPLC, stationary phases for, 12G33 study of hydrolysis of, by HPLC, kinetic analysis for, 12G47

astronomy, sensors for, 12A74

X-ray, polarimetry in, review, 12C3

atmosphere, analysis of, by glow-discharge MS, sources for, 12C76

detmn. of pesticides in confined, by SPME-GC-MS, 12H50 detmn. of VOC in, by GC, data processing in, for study of relationships

with transient high ozone formation, 12H36 sampling of reactive gaseous mercury in, evaluation of methods for, 12H32

study of chemistry of cationic and neutral ozone in, by MS, review,

atorvastatin, detmn. of, by spectrophotometry,, 12G202

atrazine, detmn. of, sensors for, 12H194

atropine, detmn. of hyoscyamine in, by capillary electrophoresis, 12G182 automated analysis, Ortho-Clinical Diagnostics Vitros ECi cTnl assay, in detmn. of troponin I, by automated analysis, 12F234

processes in, comparison of, in detmn. of troponin I in blood, effect of haemolysis interference on, 12F233

Roche IFCC method, in detmn. of 1-lactate dehydrogenase, in heparin plasma, 12F314

automation, of detmn. of cyproterone acetate, in plasma, by LC, 12G181 powder dispensing robot in, of sample prep. of analytical standards,

azadirachtin, detmn. of, in neem and neem oil, by HPTLC, 12H235

azaspiracid, detmn. of, in biological materials, by LC-MS, 12F110

azaspiracids, detmn. of, in biological materials, by LC-MS, 12F110 detmn. of, in shellfish, by LC-MS, effects of geographical, species and temporal variation on, 12H285

azelastine, sepn. of enantiomers of, in plasma, by capillary electrophoresis and HPLC-tandem MS, 12G101

azo dyes, detmn. of impurities and reduction products in sulfonated, by HPLC-electrospray MS, 12E112

baby food, measurement of calcium/phosphorus ratio in, by ICP MS,

Bacillus anthracis, detection of messenger RNA in spore of, by bioassay, biosensors for, 12F322

Bacillus stearothermophilus, identn. of, by bioassay and MALDI TOF MS, databases for, 12F9

Bacillus subtilis, detmn. of metabolite carboxylic acids in, by capillary electrophoresis, detection in, 12F392

identn. of, by bioassay and MALDI TOF MS, databases for, 12F9 bacitracin zinc, detmn. of, in pharmaceuticals, by MEKC, 12G4

barbiturates, detmn. of, in urine, by GC-MS, extraction in, 12G34 senn, of, by SPME, membranes for, 12G129

barbituric acid, 2-thio-, detmn. of, in brain, by spectrophotometry, effect of aster on, 12F45

barium copper yttrium oxides, detmn. of silver in, by XRF, 12E40 bark, detmn. of arsenic in tree, by ICP MS, 12H233

detmn. of elements in olive-tree, by NAA and PIXE, 12H237 basalt, detmn. of trace elements in, by isotope dilution-ICP MS, 12E47

basic fibroblast growth factor, detmn. of, in biological cells and serum, biosensors for, 12F175

detmn. of interactions of heparan sulphate and heparin with, by CZE, 12F131

basil, identn. of organic compounds in essential oils of, by GC-MS, in study of antimicrobial activity, 12G211

bayberry, identn. of organic compounds in essential oils of species of, by GC-MS, 12E98

bean, detmn. of elements in, by AAS and ICP AES, 12F84

detmn. of pesticides in post-harvest plants of French, by low-pressure GC-tandem MS, extraction in, 12H226

beer, detmn. of ammonia in, by flow-injection spectrophotometry, pervaporation in, 12H373

identn. of dextrins in, by LC-NMR-electrospray MS and NMR, 12H361 benzene derivatives, alkyl-, detmn. of, by high-speed GC, chemometrics in 12B10

sepn. of, in environmental materials, by 2D HPLC, 12H13

benzene derivatives, chloro-, detection of, by vacuum UV single-photon ionization TOF MS, 12H11

detmn. of, in coking plant waste water, by GC-MS, 12H153 detmn. of, in environmental materials, review, 12H123

benzene, nitro-, detmn. of, sensors for, 12D129

benzenethiol, study of electrochemical behaviour of, in acrylonitrile, by cyclic voltammetry, 12D131

benznidazole, detmn. of liposomal, in biological tissues, by HPLC,

benzodiazepine derivatives, detmn. of, in biological fluids, by HPLC-MS, 12G133

detmn. of, in biological materials, by GC-MS, review, 12G20

benzoic acid, 4-hydroxy-, sepn. of, and homologues, by HPLC, stationary phases for, 12B29

benzo[a]pyrene, detmn. of, and its metabolites, in urine, by LC-tandem electrospray MS, 12F81

berberine, detmn. of, in pharmaceuticals, by total internal reflection fluorimetry, 12G196

bergamot, identn. of VOC in essential oils of, by GC-MS, SFE in, 12E99 beryllium-7, detmn. of, in air, by γ-ray spectrometry, 12H42

betaine, detmn. of, and analogues, in foods, by HPLC, reagents for,

betaxolol, detmn. of, in ophthalmic preparations, by TLC, detection in,

betulinic acid, detmn. of, in plasma, by LC-electrospray MS, 12G120 beverages, detmn. of cysteine in, by cyclic voltammetry, electrodes for,

detmn. of lead in, by ICP AES, effect of acid oxidants on, 12H245

beverages, alcoholic, detmn. of ethanol in, biosensors for, 12D118 detmn. of metals in, by AAS, for classification of origin, chemometrics for, 12H372

bile, detmn. of oxycodone metabolites in, by GC, 12G57

detmn. of polycyclic aromatic hydroxy-compounds in fish, by GC-MS and HPLC, for environmental monitoring of water, 12H116

bile acids, detmn. of fatty acid conjugates of, in plasma, by LC-electrospray MS, 12F397

binaphtbyl compounds, sepn. of enantiomers of, by capillary electrophoresis, chiral selectors for, 12D132

1,1'-binaphthyl-2,2'-diamine, enantiomeric sepn. of, by capillary electrophoresis, chiral selectors for, 12B61

binding constants, measurement of, in biological analysis, by partialfilling affinity capillary electrophoresis, 12F1

measurement of, of peptides, on microarrays, by fluorimetric titrimetry, 12F202

bioassay, oligonucleotide sandwich-hybridization assay, in detection of messenger RNA, in Bacillus anthracis spore, biosensors for, 12F322 ribosomal protein biomarkers, in identn. of micro-organisms, databases for, 12F9

TBARS, in detmn. of amino-acids and fatty acids, in BSA and lipids, 12F245

biochemical compounds, detection of, by LC-flow cytometry, 12F118 biochemical oxygen demand, measurement of, of waste water, sensors for, 12H151

biological analysis, measurement of binding constants in, by partial-filling affinity capillary electrophoresis, 12F1 sensors for, 12A74

biological cells, analysis of, by IR spectrometry and Raman spectrometry, imaging in, 12F35

analysis of contents of, by capillary electrophoresis, cell lysis for, 12F8 analysis of frozen-hydrated, by SIMS, enhanced phosphatidylcholine lipid signal for, 12F10

analysis of single, by capillary electrophoresis, review, 12F378 assay of heparin lyase and hyaluronoglucosaminidase in, by fluor-

escence, reagents for, 12F302 assay of subfamily 1A sulfotransferases in hepatoma, by competitive

reverse-transcription PCR, 12F303 detection of exocytosis in, by amperometry, 12F13

detection of insulin secretion from live, by electrophoresis-based immunoassay, microfluidic systems for, 12F149

detection of nucleic acids in, by fluorescence, molecular beacons for, 12F332

detection of protein-protein interactions in living, by bioluminescence, split Renilla luciferase complementation in, 12F198

detmn, of activation of protein kinase A in, by capillary electrophoresis, endogenous fluorescent substrate for 12F308

detmn. of adenylate cyclase mRNA in endothelial, by real-time PCR, 12F329

detmn, of cancer-associated proteins in, biosensors for, 12F175

detmn. of carboxylic acids and tricarboxylic acids in, by ion-exchange chromatography, detectors for, 12F28

detmn. of ceramide in, by enzymic analysis and scintillation counting,

detmn. of glutathione in, by HPLC, detectors for, 12F224

detmn. of glutathione in cancer, by enzymic analysis, 12F182

detmn. of L-lactate dehydrogenase gene expression in cancerous, by capillary electrophoresis and PCR, 12F371

detmn. of magnesium ion in, sensors for, 12F38

detmn. of nitric oxide in, by chronoamperometry, biosensors for, 12F7 detmn. of somatic, in goat's milk, by NIR reflectance spectrometry, 12H318

detmn. of thiols on surfaces of, by fluorimetry, reagents for, 12F383 identn. of retinoblastoma protein inhibitors in, by immunoassay and Western blotting, 12F180

imaging of breast, by scanning electrochemical microscopy, 12F12

biological fluids, analysis of, by NMR, for metabolic profiling, data processing in, 12A15

assay of adrenergic blocking agents in, by HPLC, 12G151

detmn. of albumin in, by flow-injection chemiluminescence, 12F171 detmn. of benzodiazepines in, by HPLC-MS, 12G133

detmn. of clavulanic acid and ticarcillin in, by HPLC, 12G79

detmn. of diclofenac sodium in model, by LC, in permeation studies,

detmn. of drugs in, by electrochemical analysis, review, 12G18 detmn. of enalapril maleate in, by flow-injection chemiluminescence, reagents for, 12G148

of erythropoietin, in biological fluids, by electrophoresis, 12F146

detmn. of homocysteine in, review, 12F295

detmn. of hydroxyanthraquinone derivatives in, by HPLC, 12G244

detmn. of lead(II) ions in, sensors for, 12D63

detmn. of neurotoxins in, by ICP MS, microwave digestion in, 12F67 detmn. of proteins in, by spectrophotometry, reagents for, 12F173 profiling of matrix metalloproteinases in, extraction in, 12F257

biological materials, assay of heparanase in, by immunoassay, 12F307 assay of nitric-oxide synthase in, by spectrophotometry, 12F311 detection of dipeptides in, by capillary electrophoresis, optimization in, 12F277

detection of 18-locus Y-short tandem repeat chromosomes, in biological materials, by PCR, 12F326

detection of nitric oxide in, sensors for, overview, 12F61

detection of odorous substances in, by SPME-GC, 12G22

detmn. of aluminium and chromium ions in, by ICP AES, sample prep. in, 12F41

detmn. of antioxidants in, by LC-MS, review, 12F384

detmn. of aryloxy-substituted aryl piperazine-based drugs in, by LCelectrospray MS, 12G15

detmn. of aspirin and paracetamol in, by immunoassay, 12G58

detmn. of azaspiracids in, by LC-MS, 12F110

detmn. of cefoperazone in, by square-wave voltammetry, electrodes for, 12G17

detmn. of date rape drugs in, by GC-MS, review, 12G20

detmn. of drugs in, by HPLC-MS, review, 12G26 detmn. of drugs in, by LC-MS, SPME in, review, 12G28

detmn. of drugs in, by LC-tandem MS, 12G27

detmn. of drugs of abuse, pesticides and poisons in, by LC-MS, review, 12G30

detmn. of haloacetic acid derivatives in, by GC-MS, detectors for, derivatization in, 12H68

detmn. of hyaluronic acid in, by ELISA, 12F115

detmn. of hydroxymethylglutaryl-CoA reductase inhibitors in, by chromatography, review, 12F315

detmn. of isocyanuric acid in, by GC, detectors for, extraction in, 12H6

detmn. of lead in, by AAS, preconcentration in, 12F24 detmn. of methylmercury in, by GC-AFS, 12H5

detmn. of nabumetone and its metabolites in, by HPLC-MS, 12G64

detmn. of nitric oxide in, sensors for, 12F59

detmn. of nitrites in, by spectrophotometry, 12F311

detmn. of oxazaphosphorines and their metabolites in, by GC-MS and LC-MS, review, 12G111

detmn. of ubiquinones in, by bioassay and spectrophotometry, 12F304 freezing curve-based monitoring in, micro-, 12F3

identn. of drugs of abuse and poisons in, by LC-MS, review, 12G29 sepn. of drug enantiomers in, by capillary electrophoresis, electrochromatography or LC, review, 12G19

speciation of mercury in, by GC-ICP AES, derivatization reagents for, SPME in, 12F92

speciation of metals in, advances in, 12H2

speciation of trace elements in, by ICP MS, 12F5 study of proteins in, by PAGE and PAGE-MS, review, 12F286

biological tissues, analysis of, by IR spectrometry and Raman spectrometry, imaging in, 12F35

detection of squamous cell carcinoma antigen in, by immunoblotting and SDS-PAGE, 12F238

detmn. of antibiotics in, from animals for human consumption, by capillary electrophoresis, 12H302

detmn. of DA 7867 in, by HPLC, 12G81

detmn. of ethylmercury, mercury ion and methylmercury in, by GC-ICP MS, 12F70

detmn. of liposomal benznidazole in, by HPLC, 12G124 detmn. of mescaline in post-mortem, by GC, 12G258

detmn. of methylmercury in, by isotope dilution SPME-GC-ICP MS, 12H290

detmn. of octachlorostyrene in, by GC-MS, 12H26

detmn. of purine derivatives in, by capillary LC, detection in, 12F357 detmn. of tetracyclines and their 4-epimers in, from animals for human consumption, by HPLC-electrospray MS, 12H282

detmn. of trace elements in, by GPC and ICP MS, 12F43

detmn. of veterinary drugs in, from animals for human consumption, by LC-tandem MS, review, 12G25

identn. of altered proteins in, by LC-tandem MS, derivatization reagents for, mathematical models for, 12F187

profiling of matrix metalloproteinases in, extraction in, 12F257 study of K-ras gene in, instrumentation for, 12F30

biological warfare agents, detection of, sensors for, review, 12H18

bioluminescence, in detection of protein-protein interactions, in living biological cells, split Renilla luciferase complementation in, 12F198

reagents for, cationic liposomes as, in detection of ATP, in micro-organisms, in presence of ATP extractant, 12F349

biomolecules, speciation of metals in, by ICP MS, 12F379 biosensors, amperometric, based on polymer-protein-modified electrodes,

fabrication of, 12A63 for calcium ion, recombinant calmodulin, 12A77

for cancer-associated proteins, in biological cells and serum, DNA and RNA aptamer-based, 12F175

for cholesterol, amperometric, multilayer, enzyme entrapment, flowthrough, 12F134

for cholesterol, in butter, optical, fluorescence, 12H304

for creatine and creatinine, amperometric, enzyme, 12F399

for dimethyl sulfoxide, enzyme electrode as, 12D119

for DNA-directed DNA polymerase-DNA interactions, surface plasmon resonance, 12F358

for double-stranded DNA, dry-reagent strip, oligonucleotidefunctionalized gold nanoparticles for, 12F338

for ethanol, amperometric, microbial, 12D118

for galactose, amperometric, microfabricated, thin-film, 12F122

for glucose, lactate and lysine, amperometric, enzyme-containing prussian-blue-modified glassy-carbon-paste, 12A97

for glucose 6-phosphate, amperometric, thermostable, bacterial, 12F117 for herpes virus receptor and glycoprotein D binding process, optical, 12A72

for hydrogen peroxide, enzymic, horseradish peroxidase immobilized on colloidal gold modified screen-printed electrode in, 12D47

for hydrogen peroxide, in disinfectants, enzyme electrodes as, 12E111 for hydrogen peroxide, in plants, horseradish peroxidase-immobilized gold nanoparticle/poly(m-phenylenediamine) film-based, 12H205

for lactate, flavine adenine dinucleotide mediator-based, 12F380 for messenger RNA, in Bacillus anthracis spore, oligonucleotide, 12F322

for monitoring antibody and peptide interaction, surface plasmon resonance, 12A71

for monitoring human serum albumin affinity to small ligands, 12F282 for nitric oxide, in biological cells, for detmn. by chronoamperometry, amperometric, 12F7

for 4-nitrophenol, in water, amperometric, Arthrobacter sp. microorganism-based, 12H84

for nucleic acids, electrochemical, DNA hybridization, 12F334

for pesticides and physostigmine, amperometric, enzyme-based, 12A70 for phenol, electrochemical, clay matrices for, 12D127

for phenols, in waste water, amperometric, screen-printed multienzyme array, 12A56

for pipecolic acid enantiomers, in serum, amperometric, enzyme, diamond paste-based, 12F74

for poisons, in urine, bacterial, 12F96

for polyphenols, in tea, superoxide dismutase, 12H368

for RNA in pathogens, fluorimetric, 12F324

for trace heavy metal ions, optical, immobilized urease-based, 12A57

for trimethylamine, amperometric, enzyme-linked, trimethylamine dehydrogenase in, 12A62

microcantilever, piezoelectric, 12A87

multilayer-based, fabrication of, review, 12A61

optical, waveguide, Bragg reflector, 12A88

biphenyl derivatives, chloro-, detmn. of coplanar and non-coplanar, in serum, by GC-MS, 12F113

detmn. of enantiomers of atropisomers of, in porpoise liver, by GC and GC-MS, for environmental monitoring of sea water, 12H117

detmn. of, in faeces, by GC-MS, extraction in, 12F103

detmn. of, in milk, by SPME-GC, chemometrics for, 12H321

detmn. of, in plasma, by bioassay, study of dietary exposure, 12F157

detmn. of, in plasma, by GC-MS, 12F104

detmn. of, in sediments and soil, by GC-MS, 12H188 detmn. of, in serum, by GC-MS, sample prep. in, 12F82

detmn. of, in trout, by GC-MS, 12H286

detmn. of, in waste, by high-resolution GC-MS, 12H145

detmn. of, in wood, by GC-MS, 12E96

sepn. of enantiomers of atropisomeric, by capillary electrophoresis, chiral selectors for, 12H19

bismuth, detmn. of, by adsorptive stripping voltammetry, 12D15 detmn. of, in urine, by AAS, chemical modifiers for, 12F90 detmn. of ultratrace, in milk, by AFS, 12H320

bisphenol A, detmn. of, by HPLC, online extraction in, 12E117 detmn. of, in foods, by HPLC, HPLC-MS and IR spectrometry, in study

of migration from PVC, 12H246 detmn. of, in sediments, by GC-MS, extraction in, 12H184

detmn. of, in semen, by capillary electrophoresis and HPLC, 12F76 identn. of, in waste water, by GC-MS, lab-scale microfiltration membranes for, 12H149

blood, characterization of cell phenotype in umbilical cord, instrumentation for, 12F29

detection of thalassaemia haemoglobins in, by flow-injection spectrophotometry, 12F320

detmn. of antidepressants in, by GC, SPE in, 12G89

detmn. of aspirin and paracetamol in, by immunoassay, 12G58

detmn. of cyclosporin A in, by HPLC, 12G114

detmn. of drugs in, by LC-MS, multiple-reaction monitoring in, 12G32

detmn. of drugs in, by LC-MS, SPME in, review, 12G28

detmn. of elements in, by ICP MS, instrumentation for, 12F53

of glycidamide in, by GC-tandem MS, derivatization for, 12F112

detmn. of 3-hydroxyquinine and quinine in, by HPLC, sample prep. in, 12G126

detmn. of immunosuppressants in, by LC-MS, review, 12G110

detmn. of metals in, by ETAAS, cloud-point extraction in, 12F88 detmn. of neurotoxins in, by ICP MS, microwave digestion in, 12F67 detmn. of protein S-100b in cord, by immunoluminometric assay,

12F232 detmn. of steviol and stevioside in, by HPLC and TLC, 12G178 detmn. of troponin I in, by automated analysis, 12F234

detmn. of troponin 1 in, by automated analysis, processes in, 12F233

detmn. of zinc(II) in, by EIA, alkaline phosphatase for, 12F36

identn. of haemoglobin in, by FTIR spectrometry, in diagnosis of βthalassaemia, 12F318 blood plasma, assay of adrenergic blocking agents in, by HPLC, 12G151

assay of collagenase-3 in, by fluorimetry, 12F313 detmn. of alkyl methylphosphonates in, by GC-MS, derivatization in,

12F130 detmn. of amino-acids in, by ion chromatography, detectors for, 12F296 of (R)-3-amino-2-fluoropropylphosphinic acid in, by

LC-tandem MS, 12G248 detmn. of aminothiols and penicillamine in, by HPLC, 12F297 detmn. of amitraz in canine, by SPME-GC, detection in, 12G260

detmn. of artichoke extract metabolites and hydroxycinnamic acid esters in, by HPLC, detectors for, 12F55

detmn. of aspirin and paracetamol in, by immunoassay, 12G58 detmn. of betulinic acid in, by LC-electrospray MS, 12G120

detmn. of bile acid-fatty acid conjugates in, by LC-electrospray MS, 12F397

detmn. of bis-(2-ethylhexyl) phthalate and its metabolites in, by HPLC,

detmn. of brostallicin in, by LC-tandem MS, SPE in, 12G119

detmn. of bulaquine and primaquine in, by LC-tandem MS, 12G125 detmn. of buprenorphine and norbuprenorphine in, by LC-tandem MS,

SPE in, 12G63 detmn. of 3-butylphthalide in, by HPLC, 12G252

detmn. of candesartan cilexetil and hydrochlorothiazide in, by HPLC, 12G149

detmn. of cardiac troponin I in, by immunoassay, antibodies for, 12F228 detmn. of carfentanil and naltrexone in, by LC-MS, 12G60 detmn. of catecholamines in, by LC, SPE in, 12F159

detmn. of clofazimine in, by HPLC, 12G78

detmn. of clofibrate and clofibric acid in, by HPLC, 12G152

detmn. of cocaine and its metabolites in, by LC-tandem MS, 12G165 detmn. of codeine and its metabolites in, by HPLC, for study of codeinegluthetimide interaction, 12G66

detmn. of copper and zinc in, by HPLC, 12F106

detmn, of exproterone acetate in, by L.C. automation in, 12G181

detmn. of DA 7867 in, by HPLC, 12G81

detmn. of dehydrodidemnin B in, by LC-tandem MS, 12G121

detmn. of desloratadine and loratadine in, by LC-tandem MS, 12G102 detmn. of diltiazem in, by HPLC, liquid-liquid extraction and SPE in,

detmn. of DRF 1042 in, by HPLC, validation in, 12G251

detmn. of drugs in, by APCIMS and electrospray MS, elimination of matrix effects in, 12G35

detmn. of ephedrine derivatives in, by LC-tandem MS, collaborative study, 12G194

detmn. of erlotinib hydrochloride and its metabolites in, by LC-tandem MS. 12F56

detmn. of fluoroquinolones in, by micro-HPLC, 12G77 detmn. of gabapentin in, by HPLC, reagents for, 12G93

detmn. of gemopatrilat in, by HPLC-tandem APCIMS, 12G247

detmn. of ginsenoside Rg3 and its metabolites in, by LC-electrospray MS, 12G249

detmn. of glutathione in, by isotachophoresis, optimization of stacking in, 12F279

detmn. of hydroxymethylglutaryl-CoA reductase inhibitors in, by chromatography, review, 12F315

detmn. of β-lactam antibiotics, by differential pulse voltammetry, electrodes for, 12A98

detmn. of L-lactate dehydrogenase in heparin, automated analysis for, 12F314

detmn. of lignans in, by HPLC-tandem MS, SPE in, 12F54

detmn. of melagatran in, by HPLC, column-switching in, 12G250

detmn. of meloxicam in, by column-switching HPLC, precolumns for, stationary phases for, 12G65

detmn. of midazolam in, by nanoelectrospray tandem MS, 12G136

detmn. of mirtazapine in, by HPLC, 12G90

detmn. of mitoguazone in, by HPLC, 12G116

detmn. of organophosphate esters in, by GC, membrane extraction in, 12F107

detmn. of paclitaxel in, by LC-tandem MS, extraction in, 12G118 detmn. of pentazocine in, by LC-MS, 12G55

detmn. of persistant organic pollutants in, by GC, after consumption of traditional Norwegian fish dishes, 12F102

detmn. of persistent organic pollutants in, by GC-MS, 12F104

detmn. of phospholipids in, by HPLC, 12F143

detmn. of phosphoric acid alkyl esters in, by GC-MS, extraction in, 12F65

detmn. of ranitidine in, by HPLC, 12G163

detmn. of rosiglitazone in, by HPLC, internal standards for, 12G253 detmn. of sibutramine and its metabolites in, by LC-electrospray MS, 12G87

detmn. of sotalol in, by LC, sample prep. in, 12G153

detmn. of tenofovir in, by HPLC, 12G128

detmn. of terpene lactones in, by LC-APCIMS, 12G234

detmn. of testosterone in, by HPLC, 12F154

detmn. of ticlopidine in, by GC - ion-trap MS, 12G155

detmn. of trace oestriol in, by GC-MS, internal analytical standards for, 12F155

detmn. of triplatinum antineoplastics in, by HPLC-ICP MS, 12G115 detmn. of xenoestrogens in, by bioassay, in study of dietary exposure, 12F157

of azelastine enantiomers in, by capillary electrophoresis and HPLC-tandem MS, 12G101

sepn. of N-ethyltenamfetamine enantiomers in, by HPLC, 12G185 sepn. of fibronectins from, by affinity chromatography, membranes for,

sepn. of immunoglobulin G from, adsorbents for, 12F280

sepn. of thioridazine 5-sulfoxide enantiomers in, by capillary electrophoresis, 12G135

speciation of selenium in, by affinity chromatography-ICP MS, 12F46 blood platelets, detmn. of microparticles in, by capillary electrophoresis and flow cytometry, detectors for, 12F42

identn. of phosphorylated proteins in, by immunoblotting, immunoprecipitation, LC-electrospray MS, MALDI MS and PAGE, 12F167

blood serum, analysis of proteins in, by capillary electrophoresis, review, 12F227

detection of anti-livin antibodies in, by ELISA, in diagnosis of gastrointestinal cancer, 12F230

detmn. of albumin and y-globulins in, by LC-MS, sample prep. in,

detmn. of apolipoproteins in, by IEF and MALDI TOF MS, 12F136 of arecoline in umbilical cord, by HPLC-electrospray MS, detmn. 12G70

detmn. of aspirin and butalbital in, by HPLC, stationary phases for, 12G33

detmn. of aspirin and paracetamol in, by immunoassay, 12G58

of beta-trace proteins in, by automated analysis and nephelometry, 12F281

detmn. of cancer-associated proteins in, biosensors for, 12F175

detmn. of carbon-13-labelled carotenoids and phylloquinone in, by LC-APCIMS, in study of absorption from kale, 12F390

detmn. of cardiac troponin I in, by immunoassay, antibodies for, 12F228 detmn. of chloride in, sensors for, 12F33

detmn. of cholecalciferol hydroxymetabolites in, by HPLC, SPE in, 12G176

detmn. of cholesterol and lipoproteins in, by GC, effect of soy leaf on, 12F139

detmn, of cholesterol in, biosensors for, 12F134

detmn. of coplanar and non-coplanar PCB in, by GC-MS, 12F113

detmn. of creatine and creatinine in, biosensors for, 12F399

detmn. of elements in, by ICP MS, instrumentation for, 12F53

detmn. of ethinyloestradiol in, by LC-tandem MS, 12G180

detmn. of free and total carnitine in, by HPLC-electrospray MS, 12G177 detmn. of glucose and 3-hydroxybutyric acid in, sensors for, 12F123

detmn. of homocysteine in, by GC-ICP MS, 12F172

detmn. of hydroxyitraconazole and itraconazole in, by capillary electrophoresis, reagents for, 12G96

detmn. of metabolites and proteins in, by LC-electrospray MS, 12F204 detmn. of neurotoxins in, by ICP MS, microwave digestion in, 12F67 detmn. of octachlorostyrene in, by GC-MS, 12H26

detmn. of PCB, PCDD and PCDF in, by GC-MS, sample prep. in, 12F82

detmn. of pipecolic acid enantiomers in, biosensors for, 12F74

detmn. of piroxicam in, by fluorimetry, chemometrics for, 12G67

detmn. of piroxicam in, by fluorimetry, SPE in, 12G67

detmn. of platinum-group metals in, by flow-injection ICP MS, online preconcentration in, 12F94

detmn. of proteins in, by spectrophotometry, reagents for, 12F211

detmn. of sparteine in, by HPLC, reagents for, 12G254

detmn. of tobramycin in, by FPIA and LC-tandem MS, 12G80 detmn.of elements in, by ICP MS, flow-injection in, 12F93

speciation of vanadium in, by GPC-ICP MS, optimization of, 12G257 study of effect of α-naphthylisothiocyanate addition to, by NMR, chemometrics for, 12F79

bone marrow, detmn. of trace elements in, by GPC and ICP MS, 12F43 boron, detmn. of, in hazelnut, by ICP AES and spectrophotometry, reagents for, 12H333

detmn of, in high-purity sulfuric acid, by ICP MS, 12E21

bovine serum albumin, analysis of interaction of magnolol with, by fluorimetry, 12G246

detmn. of amino-acids and fatty acids in, by bioassay, HPLC and spectrophotometry, 12F245

detmn. of, by resonance light scattering, 12F174

sepn. of, from yeast, by expanded-bed adsorption ion-exchange chromatography, mathematical models of, 12F269

study of conformation changes of adsorbed, at solution-air interface, by IR spectrometry, 12F219

brain, assay of catechol O-methyltransferase in, by HPLC, detection in, 12F300

detection of hydrogen peroxide in extracellular space of, microsensors for, 12F40

detection of trace proteins in, by immunoassay, 12F185

detmn, of ascorbic acid and uric acid in, sensors for, 12F386

detmn. of glutathione and 2-thiobarbituric acid in, by spectrophotometry, effect of aster on, 12F45

detmn. of manganese in, by ET AAS, ICP AES, ICP MS and NAA, 12F95

detmn. of mescaline in post-mortem, by GC, 12G258

detmn. of minor and trace elements in regions of, by NAA, 12F58

detmn. of molybdenum in, by ET AAS and ICP MS, sample prep. in, 12F95

detmn. of neurotransmitters in, by positron emission tomography, 12F160

detmn. of trace elements in, by GPC and ICP MS, 12F43

12F190

sepn. of metallothioneins in cytosols of, by CZE-ICP MS, 12F216 study of glutamate fluxes in mouse, imaging in, enzyme membrane for,

brazil nut oil, detmn. of di- and triglycerides in, by HPLC-APCIMS, 12E106

bread, detmn. of isoflavone derivatives in soy, by HPLC, 12H272

breast, digital imaging of, detectors for, 12C65

breath, detmn. of aldehydes in exhaled, by APCIMS and GC, effect of whey protein on, 12F389

detmn. of tetrachloroethylene in exhaled, by GC-MS, SPME in, 12F98 bromate, detmn. of, in water, by HPLC, compliance monitoring of,

detmn. of, sensors for, 12A68

bromhexine, detmn. of, in pharmaceuticals, by HPLC, detection in, 12G11

bromine, detmn. of, in Chinese traditional medicines, by NAA, 12G240 detmn. of, in fire-retardant materials, by glow-discharge MS, 12E82 detmn. of, in milk, by ICP AES, 12H314

bromine compounds, detmn. of, in pharmaceuticals, by HPLC and ICP MS, nebulizers for, 12G7

brostallicin, detmn. of, in plasma, by LC-tandem MS, SPE in, 12G119 B-type natriuretic peptide, detmn. of, in plasma, by immunoassay, methods in, 12F231

bulaquine, detmn. of, in plasma, by LC-tandem MS, 12G125

bupivacaine, detmn. of, and metabolites, in urine, by capillary electrophoresis-electrospray MS, 12G168

buprenorphine, detmn. of, in plasma, by LC-tandem MS, SPE in, 12G63 butachlor, detmn. of, by ELISA, 12H195

butalbital, detmn. of, in serum, by HPLC, stationary phases for, 12G33

butan-1-ol, detmn. of, in waste water and water, by GC, 12H31

butter, detmn. of cholesterol in, biosensors for, 12H304 butter oil, detmn. of fatty acids in, by titrimetry, 12H327

butterfly, detmn. of iridoid glycosides in adults and larvae of Melitaea cinxia, by partial filling MEKC-electrospray MS, 12F381

butyric acid, 3-hydroxy-, detmn. of, in serum, sensors for, 12F123

C

cadmium, detmn. of bio-available, in soil, by micro-HPLC, 12H159

detmn. of, by ET AAS, modifiers in, 12C44

detmn. of, by immunoassay, 12D50

detmn. of, in digests of foods, by ICP MS, in certification of analyte content, 12H255

detmn. of, in sediments, by AAS, calibration in, 12H179

detmn. of, in snow and water, by single drop surface-modified ETAAS,

detmn. of, in soil, by AAS, atomization in, 12H193

detmn. of, in urine, by AAS, atomizer for, 12F89

detmn. of, in urine, by ET AAS, digestion in, 12F73

cadmium compounds, detmn. of, in environmental materials, review, 12H123

cadmium ion (Cd2+), measurement of stability constants of complexes of, with 2-hydroxypropene-1,3-diamine-NNN'N'-tetraacetic acid, by potentiometric titrimetry, 12D52

caesium, detmn. of, ISE for, 12D34

caesium-137, depth profiling of, in soil, by α -particle spectrometry, γ -ray spectrometry and ICP MS, 12H191

sepn. of, from nuclear waste, by ICP AES and liquid scintillation counting, 12H142

caffeine, detmn. of, in matcha green tea, by MEKC, 12H367 detmn. of, in pharmaceuticals, by HPLC, 12G42

calcium, detmn. of isotope ratios of, in urine, by ICP MS, 12F51 measurement of ratio to phosphorus of, in food, by ICP MS, 12H256

calcium dobesilate, detmn. of, in pharmaceuticals and urine, by flowinjection chemiluminescence, 12G245

calcium ion (Ca2+), detmn. of, biosensors for, 12A77

calculi, analysis of urinary, by FTIR spectrometry, chemometrics in,

detmn. of zinc in human dental, by XRF, 12F62

Calendula officinalis, detmn. of quercetin and rutin in, by TLC, standardization in, 12G239

calibration, in depth-profile analysis, by glow-discharge AES, 12C39 in NIR spectrometry, mathematical models for, 12C60

multivariate, growing neural networks for, in detection of refrigerants, sensors for, 12A23

multivariate, in detmn. of sulfur, in diesel fuel, by NIR spectrometry, 12F70

multivariate, of spectral data, chemometrics for, 12A17

multivariate, partial least squares regression, in detmn. of cadmium, in sediments, by AAS, 12H179

multivariate, robust, for multiple outliers, in environmental data, 12H9 of detmn. of glucose, by NIR spectrometry, interferogram-based,

of frontal chromatography-ICP AES, for process industry analysis,

of ICP MS, for detmn. of elements, in glass and steel, 12E28

of NAA, for detection of elements, in large and non-standard geometry samples, in situ relative detection efficiency procedure for, 12D13 of SPME, for sampling of VOC, in air, 12H39

of wavelength, in echelle cross-dispersion AES, 12C20

partial least squares multivariate, wavelength selection in, genetic algorithms for, in IR spectrometry, 12A32

partial-least squares, in detmn of sulfite, by kinetic spectrophotometry,

study of dimension of principal component analysis models for, F-statistics for, 12A33

californium-252, detmn. of, by gamma-ray spectrometry, 12D62

Callitris intratropica, identn. of VOC in essential oils of leaves of, by GC and GC-MS, 12E97

calorimetry, differential scanning, in study of states of water, in LC stationary phases, 12B35

calpain, assay of, by fluorimetry, fluorescent probes for, 12F301

camptothecin derivatives, detmn. of carboxylate and lactone forms of, by HPLC, 12G106

Canada goldenrod, detmn. of flavonoids in herbal teas and tinctures of, by HPLC, 12G233

cancer, detmn. of glutathione in biological cells of, by enzymic analysis, 12F182

sequential analysis of DNS in, by capillary electrophoresis and PCR, 12F364

candesartan cilexetil, detmn. of, in pharmaceuticals and plasma, by HPLC, 12G149

cannabinoids, detmn. of, in urine, by GC-MS and immunoassay, 12G255

cannabis, sequence analysis of DNA of. probes for, 12G197

Cannabis sativa, sequence analysis of DNA of, probes for, 12G197 capsaicins, identn. of, in chilli, ginger and pepper (Piper nigrum), by NMR, extraction in, 12H375

carbamazepine, detmn. of, and its metabolites, in waste water and water, by LC-electrospray tandem MS, 12H66

carbamic acid esters, detmn. of, in waste water and water, by LC-MS, 12H7

carbaryl, detmn. of, in water, by flow-injection amperometry and flowinjection spectrophotometry, 12H65

carbofuran, detmn. of, biosensors for, 12A70

carbohydrates, detmn. of, by electrophoresis, detection in, microfluidic systems for, 12B55

detmn. of, in honey, by ion-exchange chromatography, chemometrics in, computer programs for, 12H269

detmn. of neutral, in water, by HPLC, detection in, 12H105 detmn. of total, in strawberries, by HPLC, 12H331

β-carboline derivatives, characterization of β-cyclodextrin complexes of, by fluorimetry, IR spectrometry and NMR, 12G238

carbon, analysis of adsorption of organic compounds on, by membrane introduction MS, SPE in, 12A39

detmn. of, in nuclear materials, by glow-discharge AES, optical interfaces for, 12E42

detmn. of organic, in waterborne particulates, sample prep. in, 12H71 measurement of isotope ratios of, in waterborne particulates, by MS, sample prep. in, 12H71

carbon dioxide, detmn. of, in car-exhaust gases, by chemiluminescence, 12H144

carbon disulfide ion (1-), detmn. of, imaging for, 12C13

carbon monoxide, detmn. of, in car-exhaust gases, by chemiluminescence, 12H144 detmn. of, sensors for, 12A80

carboxylates, detection of, by TLC, visualization reagents for, 12D109

carboxylic acids, detmn. of, in biological cells, by ion-exchange chromatography, detectors for, 12F28

detmn. of, in chickpea, pea and white lupin roots, by LC, 12H229 detmn. of metabolite, in Bacillus subtilis, by capillary electrophoresis, detection in, 12F392

identn. of oxidation products of high mol. wt., in supercritical water, by GC-MS, HPLC and NMR, for detmn. of oxidation pathways, 12D122

carboxylic acids, di-, detmn. of, by LC-fluorimetry, reagents for, 12D105 carboxylic acids, tri-, detmn. of, in biological cells, by ion-exchange chromatography, detectors for, 12F28

carfentanil, detmn. of, in plasma, by LC-MS, 12G60

carnitine, detmn. of free and total, in serum, by HPLC-electrospray MS, 12G177

β-carotene, detmn. of isomers of, in dried and fresh mango, by HPLC, 12H334

carotenoids, detmn. of carbon-13-labelled, in serum, by LC-APCIMS, in study of bioavailability in kale, 12F390

detmn. of, in dried paprika, by HPLC, 12H341

detmn. of, in faeces, by HPLC and HPLC-APCI MS, in study of bioavailability of β-carotene, 12F391

detmn. of, in tomato juice, by LC, 12H351

carp, detmn. of alkylphenols and alkylphenol ethoxylates in, by GC-MS, HPLC and HPLC-electrospray tandem MS, 12H20

detmn. of metalloproteins in, by GPC and ICP TOF MS, 12F78

aseins, detmn. of cysteine in hydrolysates of, by cyclic voltammetry

caseins, detmn. of cysteine in hydrolysates of, by cyclic voltammetry, electrodes for, 12F207

detmn. of, in goat's milk, by NIR reflectance spectrometry, 12H318 catalase, detmn. of, by fluorimetry, probes for, 12F305

catalysts, regeneration of zeolite, by glow-discharge AES and XPS, 12E80 catechins, detmn. of, in matcha green tea, by MEKC, 12H367

catechol derivatives, detmn. of, by HPLC, precolumn derivatization in, 12F153 catechol *O*-methyltransferase, assay of, in brain, by HPLC, detection in,

12F300 catecholoming derivatives datum of in plasma by LC SPE in 17F150

catecholamine derivatives, detmn. of, in plasma, by LC, SPE in, 12F159 cations, detmn. of, by electrospray MS, 12D8

detmn. of, in liquid crystals, by ion chromatography, 12E38 cefetamet, detmn. of, in urine, by adsorptive stripping voltammetry, 12G82

cefoperazone, detmn. of, in biological materials, milk and pharmaceuticals, by square-wave voltammetry, electrodes for, 12G17

ceftriaxone, detmn. of, in CSF and water, by HPLC, in study of stability, 12G83

celecoxib, detmn. of, in pharmaceuticals, by fluorimetry, 12G37

cellulose, sepn. of enantiomers of derivative of, by electrochromatography, stationary phases for, 12F127

cellulose, hydroxypropylmethyl-, detmn. of 2-hydroxypropoxyl- and methoxyl-groups in, by LC, 12G8

cellulose, hydroxypropylmethyl-, acetate succinate, detmn. of 2-hydroxypropoxyl- and methoxyl-groups in, by LC, 12G8

centrifugation, coupled with CCC, in study of partition behaviour of spermatozoa, 12A42

cephalexin, detmn. of, in pharmaceuticals, by bioassay, LC and MEKC, 12G74
ceramide, detmn. of, in biological cells, by enzymic analysis and

scintillation counting, 12F135 ceramides, sepn. of stratum corneum, by HPLC-APCIMS, 12F138

cereals, detrin. of arsenic compounds in, by ion chromatography-ICP MS, 12H261

detmn. of ferbam in, by flow-injection spectrophotometry, 12H203 cerebrospinal fluid, analysis of proteins in, by capillary electrophoresis,

review, 12F227 detmn. of aminothiols in, by HPLC, 12F297

detmn. of ceftriaxone in, by HPLC, in study of stability, 12G83 cerium, detmn. of trivalent, ISE for, 12D57

cetirizine, detmn. of process-related impurities in, by LC-MS, 12G99 cheese, detmn. of PAH in smoked, by HPLC, detection in, 12H313 detmn. of VOC in, sensors for, review, 12H325

detmn. of volatile compounds in goat's, by GC-MS, SPME in, 12H322 chemical oxygen demand, measurement of, of waste water, by titrimetry, microwave digestion in, 12H140

chemical warfare agents, detection of, sensors for, review, 12H18 detmn. of, by ion-trap MS, instrumentation for, 12E93

chemiluminescence, flow-injection, reagents for, tris-(2,2'-bipyridyl) ruthenium(II) as, in detmn. of enalapril maleate, in biological fluids and pharmaceuticals. 12G148

reagents for, formaldehyde and potassium permanganate as, in detmn. of melatonin and its derivatives, 12F145

chemiluminescence immunoassay, in detmn. of pentaerythritol tetranitrate and TNT, 12E83

chemometrics, alternating least squares, in monitoring of second-order reaction, by spectrophotometry, 12A30

artificial neural networks and discriminant analysis, for detmn. of metals, in alcoholic beverages, by AAS, for classification of origin, 12H372

artificial neural networks and experimental design, for optimization of chiral resolution in capillary electrophoresis, 12B58

artificial neural networks, for analysis of urinary calculi, by FTIR spectrometry, 12F16

Bayesian networks, continuous nodes in, partial-least squares modelling of 12A21

canonical discriminant analysis and multivariate statistical analysis of carbohydrates, in honey, by ion-exchange chromatography, 12H269

cluster analysis and linear discriminant analysis, for identn.of haemoglobin in blood, in diagnosis of β-thalassaemia, 12F318

cluster analysis and principal components analysis for detmn. of source, in detmn. of amino-acids in honey, by HPLC, 12H275

common analyte internal standardization, for correction for drift and non-spectroscopic matrix effects, in detmn. of elements in geological materials, by ICP MS, 12E67

design of experiments, for choice of optimum calibration model parameters, 12A25

discriminant analysis, for analysing photocopying and printer toners, 12E78

empirical formula for optimal temperature, in single-strand conformation polymorphism analysis, by electrophoresis, 12F360 experimental design for method optimization, in detmn. of (R)-timolol

and related materials in timolol maleate, 12G147

experimental design, for optimization of chiral resolution in capillary electrophoresis, 12B59

Fickian, in detmn. of diffusion behaviour, in ATR FTIR spectrometry, in detmn. of alcohols and chlorohydrocarbons, 12C49

for analysis of fluorescence decays, in single photon scintillation counting, weighting of curve fitting in, 12C91

for classification of toxicity, in analysis of drugs, in urine, by NMR, CLOUDS density superposition approach for, 12G23

for derivative behaviour in spectrometry, 12C9

for detection of analytical bias, maximum likelihood estimators in, 12A26

for detection of protein conformers, by electrospray MS, 12F197 for detmn. of number of components, in mixtures, by HPLC and HPLC-NMR, 12A27

for estimation of dead time, in quadrupole ICP MS, 12C73

for evaluation of homogeneity of rare-earth glass analytical standards, for x-axis calibration, in NIR spectrometry, principal components analysis as, 12C55

for evaluation of spectral similarity searches, in IR spectrometry, Tanimoto index for, 12C54

for faceted design of channels, for low-dispersion electrokinetic flows, in microfluidic systems, 12B54

for hyperspectral imaging, in detmn. of effluent vapours, in waste gases, by IR spectrometry, 12H139

for multivariate calibration of spectral data, dual-domain regression as, 12A17

for subsamping error estimation, in sampling, in environmental analysis, Gy sampling theory as, 12H8

fuzzy C means algorithm, neural networks and principal component analysis, in detmn.of organic compounds and VOC, in tea, 12H371 generalized procrustes analysis as, for validation of consensus of

proteomies, with clinical analysis, randomization F-test for, 12F15 hierarchical cluster analysis and k-nearest-neighbour approaches as, for classification of toxicity, by analysis of toxins, in urine, by NMR,

in direct detmn. of axial dispersion, by GPC, 12B32

in investigation of peak symmetry in capillary electrochromatography, 12B30

independent component analysis, cross-validation and uncertainty estimates in, 12A20

integration methods for chromatography, 12B3

Ishikawa diagrams, for visualization of measurement uncertainty in liquid chromatography, 12A34

ISO-GUM, for uncertainty evaluation, in mass detmn., air buoyancy correction, 12A13

Langmuir isotherms, in sepn. of pyridine, by HPLC, 12B37 mathematical models for, quasi-optimal input selection in, 12A19

multivariate calibration, for detmn. of piroxicam, in serum, by fluorimetry, 12G67

multivariate, for analysing photocopying and printer toners, by pyrolysis-GC-MS, 12E79

optimization methods, in capillary electrophoresis, 12A36

parallel factor analysis, for detmn. of pesticides, by fluorimetry, 12H197

partial least squares, in detmn. of alcohols, alkanes, alkylbenzene derivatives and ketones, by high-speed GC, 12B10

partial least squares regression, for prediction of specific gravity of ivory, by FT-Raman spectrometry, 12F19

partial least squares regression, two-component models for, 12A29 partial least-squares and principal component regression, for detmn. of

metals, by stopped-flow spectrophotometry, 12D87
pattern recognition, for classification of vegetable oils, by luminescence, 12H306

principal component analysis, for analysis of petroleum, sensors in, 12E75

principal component analysis, for detmn. of metabolites, in urine, by HPLC-electrospray MS, 12F18

principal component analysis, in detmn. of amino-acids in honey, 12H271

principal component analysis, in identn. of ivory, by FT-Raman spectrometry, 12F19

principal component analysis, in study of effects of α-naphthylisothiocyanate addition to serum, by NMR, 12F79

principal components analysis and soft independent modelling of class analogies, in characterization of sodium pentosan polysulfate, by IR spectrometry, 12G208 Procustes rotation, for classification of apple juice, mid-IR number based, 12H328

sequential multiblock, consensus, generalized and hierarchical principal component analysis, 12A31

strategically designed sample composition as, for detmn. of PCB, in milk, by SPME-GC, 12H321

chicken, detmn. of chloramphenicol in, by HPLC, effect of storage conditions on, 12H264

detmn. of clopidol in, by LC, collaborative study, 12H294

detmn. of tetracyclines and their 4-epimers in, by HPLC-electrospray MS, 12H282

chick-pea, detmn. of carboxylic acids in root of, by LC, 12H229

chilli, identn. of capsaicins, gingerols and piperine derivatives in, by NMR, extraction in, 12H375

Chinese traditional medicines, detmn. of aristolochic acids I and II in, by HPLC and HPLC-MS, 12G243

detmn. of bromine and iodine in, by NAA, 12G240

detmn. of flavonoids, ginsenosides and polysaccharides in Panax notoginseng root, by HPLC and spectrophotometry, 12G223

detmn. of gallic acid, loganin and morroniside in, by MEKC, 12G204 detmn. of hydroxyanthraquinone derivatives in rhubarb, by HPLC, 12G244

detmn. of 4-hydroxybenzoylcholine in Semen sinapis Albae, by HPLC, 12G195

detmn. of 4-hydroxyphenethyl alcohol and salidroside in, by CZE, 12G198

detmn. of organic compounds in Phyllanthus urinaria, by frontal immunoaffinity chromatography and MS, 12G199

detmn. of VOC in Schisandra chinensis, by GC-MS, SPME in, 12G205 identn. of phthalides in chuanxiong, by HPLC-APCI MS, 12G226

chitin, measurement of fenhexamid adsorption on, by HPLC, 12H223 chloramphenicol, detmn. of, in fish, by LC-AP photoionization MS,

detmn. of, in food, by HPLC, effect of storage conditions on, 12H264 detmn. of, in milk, by LC-tandem MS, 12H316

chlorcyclizine, detmn. of enantiomers of, by CZE, 12G98

chloride, detmn. of, in serum, sensors for, 12F33

chlorine, detmn. of, in milk, by ICP AES, 12H314

chlorine compounds, detmn. of, in pharmaceuticals, by HPLC and ICP MS, nebulizers for, 12G7

chlorogenic acid, study of non-covalent interactions with proteins of, by DSC, GPC and MALDI MS, 12F248

α-chlorohydrin, detmn. of, sensors for, 12D117

chloroplast, detmn. of distribution of rare-earth metals in Dicranopteris dichotoma, by ICP MS, 12H207

chlorpheniramine maleate, detmn. of, in pharmaceuticals, by LC, 12G100

chlorpyrifos, detmn. of, in water, by HPLC, TLC in, 12H88

cholecalciferol, detmn. of hydroxymetabolites of, in serum, by HPLC, SPE in. 12G176

cholest-5-ene-3β,7β-diol, detmn. of, in tallow after processing, by GC and GC-MS, SPE in, 12H308

cholesterol, detmn. of, biosensors for, 12F134

detmn. of, in butter, biosensors for, 12H304

detmn. of, in eggs, by GC, 12H288

detmn. of, in serum, by GC, effect of soy leaf on, 12F139

cholesterol derivatives, detmn. of, in milk-based infant formulae and milk powder, by GC-MS, SPE in, 12H324

detmn. of oxidized, in tallow after processing, by GC and GC-MS, SPE in, 12H308

cholesterol β-epoxide, detmn. of, in tallow after processing, by GC and GC-MS, SPE in, 12H308

choline, 4-hydroxybenzoyl-, detmn. of, in Semen sinapis Albae Chinese traditional medicines, by HPLC, 12G195

chromate (CrO₄²⁻), detection of, sensors for, 12D82

chromatography, chemometrics for, 12B3

columns for, monolithic, Convective Interaction Media, immobilization of enzymes on, 12B4

detectors for, atmospheric electrolyte cathode glow-discharge cell as, in detection of metals, 12D23

frontal, coupled with ICP AES, in analysis of process industry, calibration in, 12E3

in bioanalysis, validation of, guide on, 12A8

in detmn, of hydroxymethylglutaryl-CoA reductase inhibitors, in bio-logical materials, review, 12F315

in detmn. of packaging materials, in pharmaceuticals, review, 12G9 in detmn. of polymer additives, review, 12E110

invention of, M. S. Tswett, biography, 12B6 chromatography, affinity, adsorbents for, p-aminobenzamidine-based, in

detmn. of proteases, 12F253 membranes for, glass fibre, in detmn. of fibronectin, from plasma, nickel-silica magnetic beads for, in sepn. of proteins, in microorganisms, 12F273

chromatography, centrifugal partition, high performance, stationary phases for, bis-2-ethylhexylphosphinic acid in hexane, in sepn. of alkaline-earth-metal ions, 12B49

chromatography, countercurrent, coupled with centrifugation, in study of partition behaviour of spermatozoa, 12A42

chromatography, electro-, capillaries for, comparison of frits, 12B24 chiral selectors for, silica-immobilized penicillamine sulfonic acid-based, in detmn. of ephedrine enantiomers in enantiomeric mixture, 12G189

columns for, monolithic, cyclodextrin-modified, in sepn. of enantiomers of dansyl-amino-acids, 12F244

in sepn. of drug enantiomers, in biological materials and pharmaceuticals, review, 12G19

injectors for, nano-, 12B52

pressurized, deviation from Ohm's law in, 12B34

pressurized, stationary phases for, 3,5-dinitrobenzoyl-(R)-phenylglycine and -naphthylglycine as chiral, in sepn. of enantiomers amino-acid and amino-alcohol derivatives, 12C62

reversed, investigation of peak symmetry in, chemometrics for, 12B30 stationary phases for, chiral, in sepn. of enantiomers of cellulose derivative, 12F127

stationary phases for, (metallo)porphyrins as, in sepn. of peptides, 12F266

stationary phases for, n-octyltriethoxysilane-coated open-tubular, in sepn. of PAH, 12B48

stationary phases for, polysaccharide, in sepn. of drug enantiomers, in pharmaceuticals, 12G6

study of electroosmotic flow profile in, Fourier transform and virtual digital Shah function mask for, 12B5

study of sepn. mechanism, in sepn. of organic compounds, 12B33

chromatography, gas, chiral, in detmn. of pollutants, in environmental materials, overview, 12H1

column packing materials for, triacontyl-bonded silica as, retention properties of, 12B12

coupled with glow-discharge TOF MS, in speciation of aromatic and chlorohydrocarbons, influence of discharge parameters on, 12D104

coupled with ICP AES; derivatization reagents for, tetraphenylborate and sodium tetrapropylborate as, in speciation of mercury, in biological materials, 12F92

coupled with ICP MS, in detmn. of mercury and tin, in oyster, sample prep. in, 12F69

coupled with ICP MS, in detmn, of tributylstannane, in sediments, isotope dilution in, solvent accelerated extraction in, 12H162

coupled with MS, ECD for, derivatization in, in detmn. of haloacetic acid derivatives, in biological materials, 12H68

coupled with MS, in analysis of fire debris, review, 12F2

coupled with MS, in detmn. of alkyl methylphosphonates, in plasma and urine, derivatization in, t-butyldimethylsilylation for, 12F130

coupled with MS, in detmn. of coplanar and non-coplanar PCB, in serum, 12F113 coupled with MS, in detmn. of date rape drugs, in biological materials,

12G20 coupled with MS, in detmn. of oxazaphosphorines, and their

metabolites, in biological materials, review, 12G111 coupled with MS, in detmn. of raw and roast hazel nut, dynamic

headspace analysis in, 12H345 coupled with MS, in identn. of organic compounds in fresh and aged shellac, 12E119

coupled with MS, membrane interfaces for, in detmn. of semi-VOC and VOC, in air and water, universal temperature controlled, 12H41

coupled with MS, reagents for, sodium isothiocyanate as, in detmn. of alkyl methane sulfonates and dimethyl sulfate, 12D120

coupled with SPME, detection in, thermionic specific, in detmn. of amitraz, in canine plasma, 12G260

coupled with SPME, in detmn. of PCB, in milk, chemometrics for, 12H321

coupled with tandem MS, in detmn. of 8-epiprostaglandin $F_{2\alpha}$, in urine, immunoaffinity chromatography and TLC in, divergence of results in, 12F140

coupled with TOF MS, stopped-flow, 12B8

2D, advances in, 12B7

2D, for fast sepn., 12B18

2D, in detmn. of organic compounds, in ginseng, 12H236

detection in, mass selective, in detmn. of pesticides, in Korean crops,

detectors for, dielectric barrier discharge, in detection of halogenated and sulfur-containing compounds, 12B20

detectors for, micro-flame photometric as, 12B11

detectors for, semiconducting, tin dioxide doped with antimony as, in detmn. of alkanes, in air, in mains-gas leakage detection, 12H58

headspace, in detmn. of volatile compounds, in water, extraction in, review, 12A47

high-speed, in detmn. of alcohols, alkanes, alkylbenzene derivatives and ketones, chemometrics in, 12B10

in detmn. of methoxyurea herbicides, in potato, SPE in, 12H349

instrumentation and accessories for, 12B19

instrumentation for, preparative fraction collector, in sepn. of enantiomers of alpha-HCH, 12B17

large-volume injection for, programmable temperature, in detmn. of organochlorine pesticides, 12H202

low-pressure, coupled with tandem MS, in detmn. of organotin compounds, 12H30

low-pressure, coupled with tandem MS, in detmn. of pesticides, in postharvest French bean plants, extraction in, 12H226

multi-dimensional, portable, columns for, 12B14

stationary phases for, allyl-substituted β -cyclodextrins as, 12B13 stationary phases for, chiral, α -cyclodextrin-based, 12D138

stationary phases for, β-cyclodextrin derivatives, in detmn. of 1,2-isopropylidene glycerol, 12D123

stationary phases for, β-cyclodextrins as, Cyclodex-B, CycloSil-B and Rt-βDEXsa, retention characteristics of, 12B15

stationary phases for, βDEX-225 as, effect of water vapour on, in sepn. of organic compounds, in pharmaceuticals, 12G16

stationary phases for, enantioselective 2,3-substituted methyl- and acetyl-γ-cyclodextrins, in sepn. of γ-lactone and menthol homologues, thermodynamics in, 12B16

stationary phases for, high-stability ionic liquids as, in sepn. of organic compounds, 12B9

chromatography, gel-permeation, axial dispersion in, direct detmn. of, chemometrics for, 12B32

coupled with ICP MS, in speciation of vanadium, in serum, optimization of, 12G257

coupled with MALDI MS, in characterization of polymer blends, 12E81 detection in, evaporative light scattering, in sepn. of galacturonic acid oligomers, 12F129

for extraction of pesticides, from olive oil, for detmn. by GC-MS and HPLC-MS, 12H303

in study of protein binding, review, 12F225

sorbents for, 2-hydroxyethyl methacrylate-ethylene dimethacrylatebased, in sepn. of DNA, 12F368

spin column, in study of proteins, applications of, 12F183

chromatography, hydrophobic-interaction, retention time prediction in, in sepn. of proteins, 12F260

chromatography, immunoaffinity, conjugates for, quantum dot-biotin, preparation of, 12B23

in detmn. of 8-epiprostaglandin $F_{2\alpha}$, in urine, by GC-tandem MS, divergence of results in, 12F140

chromatography, ion, coupled with ICP MS, in detmn. of arsenic compounds, in food, 12H261

coupled with ICP MS, in detmn. of chromium ion, isotope dilution in, 12D86

detectors for, amperometric, multi-wall carbon nanotube film-modified vitreous carbon electrodes as, in detmn. of amino-acids, 12F296

chromatography, ion-exchange, detection in, pulsed amperometric, in detmn. of ectoine, in micro-organisms, 12F4

detectors for, conductivity, in detmn. of carboxylic acids and tricarboxylic acids, in biological cells, 12F28

expanded-bed adsorption, in sepn. of BSA, from yeast, mathematical models of, 12F269

in study of protein binding, review, 12F225

resin for, non porous, in sepn. of proteins, 12F254

chromatography, liquid, affinity probes for, nitrotyrosine specific, in analysis of nitrated proteins, 12F184

capillary, detection in, electrochemical, in detmn. of purine derivatives, in biological tissues, 12F357

columns for, Astec C_{18} polymeric, in detmn. of erythromycin, 12G75 columns for, characterization of, 12B41

columns for, monolithic, 12B21

columns for, monolithic, detmn. of adsorption isotherms from overloaded profiles on, 12B42

coupled with AP-photoionization MS, column-switching in, in detmn. of patulin, in apple juice, 12H370

coupled with diode-array detection and MS, in kinetic analysis of enzymes, computer applications for, 12F310

coupled with electrospray MS, in detection of metabolites, in urine, as phospholipidosis biomarkers, data processing in, 12F14

coupled with electrospray MS, in detmn. of bile acid-fatty acid conjugates, in plasma, 12F397

coupled with flow cytometry, in detection of biochemical compounds, 12F118

coupled with fluorimetry, reagents for, 4-(1-pyrene)butyric acid hydrazide as, 12D105 coupled with FT electrospray ICR MS, in proteomics, 12F199

coupled with ICP MS, stationary phases for, iminodiacetate chelate as, in detmn. of rare-earth metals, in water, 12H80

coupled with MS, detection in, fluorescence, in detmn. of enrofloxacin, in eggs, 12H293

coupled with MS, in detmn. of antioxidants, in biological materials, review, 12F384

coupled with MS, in detmn. of cocaine and opiates, in meconium, validation of, 12G61

coupled with MS, in detmn. of drugs, in biological materials, review, 12G28

coupled with MS, in detmn. of drugs of abuse and poisons, in biological materials, review, 12G29 coupled with MS, in detmn. of drugs of abuse, pesticides and poisons,

in biological materials, review, 12G30 coupled with MS, in detmn. of immunosuppressants, in blood, review,

12G110

coupled with MS, in detmn. of pharmaceutical impurities, 12G14 coupled with MS, multiple-reaction monitoring in, in detmn. of drugs, in blood, 12G32

coupled with sonic spray MS, in detmn. of endocrine disruptors, in water, SPE in, 12H127

coupled with tandem MS, derivatization reagents for, ammonium 7fluoro-2,1,3-benzoxadiazole-4-sulfonate as, in identn. of altered proteins, in biological tissues, mathematical models for, 12F187

coupled with tandem MS, in detmn. of corticosteroids, in urine, 12G160 coupled with tandem MS, in detmn. of drugs, in biological materials, 12G27

coupled with tandem MS, in detmn. of veterinary drugs, in biological tissues, from animals for human consumption, review, 12G25

2D, in sepn. of styrene derivatives, 12D97

high throughput temperature gradient, column oven for, miniaturized, 12B45

in detmn. of pharmaceutical impurities, 12G14

in detmn. of phenothiazine derivatives, electrochemical analysis in, 12G130

in sepn. of drug enantiomers, in biological materials and pharmaceuticals, review, 12G19

ion-pair, coupled with ICP MS, in speciation of selenium, in sediments, sequential extraction in, 12H186

leak prevention in, 12B50

measurement uncertainty in, chemometrics for, 12A34

micellar, in detmn. of biogenic amines, 12D106

micellar, in sepn. of anabolic agents and corticosteroids, optimization of, 12G179

micro-, coupled with electrospray tandem MS, in proteomics, 12F289 packed capillary, solvent and temperature gradients in, in characterization of fatty acid polyglycerol esters complex mixtures, 12F132

retention prediction in, in sepn. of 6,7-diarylpteridines, mathematical models for, in study of structure-activity relationship, 12G68 reversed-phase, mobile phases for, aqueous acetonitrile, methanol and

reversed-phase, mobile phases for, aqueous acetonitrile, methanol and THF as, in study of retention mechanism of organic compounds, 12B47

reversed-phase, stationary phases for, C₈ and C₁₈, in study of retention mechanism of organic compounds, 12B47

sorbents for, 2-hydroxyethyl methacrylate-ethylene dimethacrylatebased, in sepn. of DNA, 12F368

stationary phases for, C₁₈-bonded as, in study of adsorption-desorption hysteresis, mathematical models for, 12D134

stationary phases for, cellulose tris(3.5-dimethylphenylcarbamate) as, in detmn. of (R)-timolol and related materials in timolol maleate, 12G147

stationary phases for, chiral, Chiralcel OD-R as, in sepn. of enantiomers of organo-phosphonic acid derivatives, 12D130

stationary phases for, chiral, in sepn. of \(\beta\)-amino-acids, 12F223

stationary phases for, chiral, temperature-responsive polymers as, in sepn. of amino-acid enantiomers, 12F270

stationary phases for, chiral, 3-(triethoxysilyl)propyl isocyanate as, in sepn. of enantiomers, 12B36 stationary phases for, crosslinked polystyrene-divinylbenzene

stationary phases for, crosslinked polystyrene-divinylbenzene copolymer gels as, study of state of water in, by DSC, 12B35 stationary phases for, cyclodextrin-based, in sepn. of

dihydrofurocoumarin derivatives, 12840 stationary phases for, oxidized porous graphitic carbon as, character-

ization of, 12B28 stationary phases for, poly(4-vinylpyridine) as, in sepn. of PAH, 12H27

chromatography, liquid, high-performance, capillary, coupled with MALDI MS, in detmn. of steroids, reactive matrix for, 12G156 capillary, stationary phases for, polymer monolithic, characterization of,

12B44 chiral, in detmn. of pollutants, in environmental materials, overview, columns for, monolithic, silica rod, in study of peptide mapping, 12F256 columns for, narrow-bore, in detmn. of dihydromorphine and morphine, in pharmaceuticals, 12G50

columns for, porous graphitic carbon, in detmn. of naproxen and its degradation products, in pharmaceuticals, 12G49

column-switching in, in detmn. of melagatran, in plasma, 12G250

column-switching, precolumns for, stationary phases for, alkyl-diol silica, in detmn. of meloxicam, in plasma, 12G65 coupled with ICP MS, in detmn. of tributylstannane, in sediments,

isotope dilution in, solvent accelerated extraction in, 12H162 coupled with ICP MS, in detmn. of triplatinum antineoplastics, in

plasma, 12G115 coupled with isotope dilution ICP MS, for speciation of elements,

evaluation of uncertainty in, 12D25 coupled with isotope dilution ICP MS, in detmn. of methylmercury, evaluation of stability of isotopomers for, by NMR, 12D92

coupled with isotope dilution ICP MS, in detmn. of methylmercury, evaluation of uncertainty in, 12D93

coupled with MS, in detmn. of drugs, in biological materials, review, 12G26

coupled with NMR, in detmn. of number of components, in mixtures, chemometries for, 12A27

coupled with SFE, in detmn. of PAH, in sand and soil, 12H165

curve resolution in, mathematical models for, 12C50

derivatization in, pre-column, in detmn. of aminoglycoside antibiotics, 12G72

derivatization reagents for, 2,4-dinitrophenylhydrazine as, in detmn. of malonaldehyde, in urine, 12F394

derivatizing reagents for, pre-column, anthraquinone-2-sulfonyl chloride as, in detmn. of phenols, in water, 12H103

detection in, diode array, optimization of, 12B27

detection in, diode-array, in detmn. of number of components, in mixtures, chemometrics for, 12A27

detection in, fluorescence, in detmn. of PAH in smoked cheese, 12H313 detection in, fluorimetric, in assay of catechol O-methyltransferase in brain, 12F300

detection in, potentiometric, in detmn. of ambroxol, bromhexine and clenbuterol, in pharmaceuticals, 12G11

detection in, pulsed amperometric, in detmn. of amino-sugars and neutral carbohydrates in water, 12H105

detectors for, coulometric-array as, in detmn. of artichoke extract metabolites and hydroxycinnamic acid esters, in plasma, 12F55

detectors for, diode array as, in detmn. of saponins, in Panax notoginseng, 12G228

detectors for, fluorescence, in detmn. of 2-hydroxyfluorene, in urine, 12F77

detectors for, fluorimetric, in detmn. of glutathione, in biological cells, 12F224

detectors for, MS and UV-vis, in detmn. of dyes, in textiles, 12E120 in detmn. of telmisartan, in urine, optimization of, 12G154

in monitoring of folding and stability of α-helical peptides, 12F264 in study of aspirin hydrolysis, variable pH and temperature kinetic analysis for, 12G47

in study of glutenin-maltodextrin interactions, 12H277

in study of protein binding, review, 12F225

internal standards for, celecoxib as, in detmn. of rosiglitazone, in plasma, 12G253

of diastereomers of β-(α-methylbenzyl)aminoion-pair, in sepn. isobutyric acid, 12D133

micro-, in detmn. of bio-available cadmium, in soil, 12H159

micro-, in detmn. of fluoroquinolones, in plasma, 12G7

microspheres for, in detmn. of antineoplastics, in urine, 12G109

mobile phase modifiers for, SDS and triethylamine as, in sepn. of adrenergic blocking agents, 12G142

nano-, void volume reduction in, micro-trapping column for, in analysis of proteins, 12B22

nebulizers for, direct and microconcentric as, in detmn. of bromine-, chlorine-, and iodine compounds, in pharmaceuticals, 12G7

parallel column, in detmn. of aromatic compounds, data processing in, 12B26

precolumn derivatization in, benzylamine and diphenylethylenediamine for, in detmn. 5-hydroxyindole derivatives, 12F153 of catechols and

reagents for, 5, 5'-dithiobis(2-nitrobenzoic acid) as, in detmn. of thiols, in dough, 12H273

reagents for, 2-naphthacyl trifluoromethane sulfonate as, in detmn. of betaine and analogues in foods, 12H249

reagents for, 4-(2-pyridylazo)resorcinol as, in detmn. of copper and zinc in plasma, 12F106

reagents for, thiol-reactive dyes for fluorescence-labeling as, in analysis of proteins, 12F239

reagents for, 2,4,6-trinitrobenzene sulfonic acid as, in detmn. of gabapentin, in plasma, 12G93

reagents in, tris(2,2'-bipyridine) ruthenium(II) as, in detmn. sparteine, in serum, 12G254

retention prediction in, in sepn. of enantiomers of organophosphonic acid derivatives, mathematical models for, 12D113

reversed-phase, in sepn. of peptides, temperature selectivity effects on, 12F267

stationary phases for, cellulose tris-(3.5-dimethylphenylcarbamate) as, in sepn. of enantiomers of heterometal clusters, 12D94

stationary phases for, chiral, cellulose tris-(3,5-dimethylphenylcarbamate) as, in sepn. of chiral tetrahedral heterometal clusters, 12B46

stationary phases for, graphitized-carbon monolithic, preparation of, 12B25

stationary phases for, in monitoring of peptide dimerization and unfolding, 12F262

stationary phases for, in study of lipophilicity of pyrrolidine derivatives and pyrrolidin-2-one derivatives, 12G139

stationary phases for, Candida rugosa lipase as, in detmn. of 2-aryloxyalkanoic acid methyl esters, 12B43

stationary phases for, molecularly imprinted polymers, in sepn. of 4hydroxybenzoic acid and homologues and nicotinamide isomers, evaluation of, computer applications for, 12B29

stationary phases for, monolithic C18 as, in detmn. of aspirin and butalbital, in serum, 12G33

stationary phases for, monolithic silica-based, in detmn. of lamivudine, in pharmaceuticals, 12G127

stationary phases for, multi-layer polyelectrolyte on silica, in sepn. of proteins, 12B31

stationary phases for, ODS as, in sepn. of pyridine, chemometrics in, 12B37

stationary phases for, quinine-derived chiral anion-exchanger, in sepn. of proline derivatives, 12D6 stationary phases for, rigid polymerics as, in sepn. of oligonucleotides,

12F369 stationary phases for, ristocetin as, vancomycin as mobile phase additive

in, in detmn. of DL-tryptophan and dansyl-DL-tryptophan enantiomers, 12F276

stationary phases for, silanols as, effect of thermal treatment on, 12B38 chromatography, micellar electrokinetic, chiral selectors for, y-cyclodextrin and sodium cholate as, in sepn. of flavanones, 12A6

detection in, amperometric, in detmn. of amino-acids in rice wine, 12H358 in detmn. of iron(II) and iron(III), off-line selective complexing reaction

for, 12D89 partial filling, coupled with electrospray MS, in detmn. of iridoid

glycosides, in Melitaea cinxia butterfly adults and larvae, 12F381 stationary phases for, modified sodium undecanoyl-L-leucinate as

pseudo-, in chiral sepn. of organic compounds, 12B60 stationary phases for, polymeric alkenoxyamino-acid surfactants as pseudo-, in sepn. of adrenergic blocking agents, 12B62

chromatography, thin-layer, detection in, densitometric and videodensitometric, in detmn, of betaxolol and timolol, in ophthalmic preparations, 12G146

detmn. of meso-tetraphenylporphyrins, 12F319

in detection of arginine, lysine and proline, iodine-azide reaction for,

in detmn. of 8-epiprostaglandin F₂₀s, in urine, by GC-tandem MS, divergence of results in, 12F140

in detmn. of quercetin and rutin, in Calendula officinalis, standardization in, 12G239

in sepn. of food colourings, effect of ammonium sulfate on, 12H268 in sepn. of O-methyloximes, quantitative structure property relation-

ships in, 12F158

in sepn. of saturated fatty acids, 12F144

in sepn. of urea pesticides, retention-mobile phase composition relationships in, 12H201

in study of protein binding, review, 12F225

normal- and reversed-phase, in sepn. of hypoglycaemics, 12G145 stationary phases for, chiral, amino-acid-impregnated silica gel as, in

detmn. of arylpropionic acid derivative enantiomers, 12B66 stationary phases for, C30-modified, 12B67

stationary phases for, in study of lipophilicity of pyrrolidine derivatives and pyrrolidin-2-one derivatives, 12G139

stationary phases for, peptide-impregnated, in study of 5-HT_{1A} receptor affinities, 12B65

stationary phases for, L-(-)-serine-impregnated silica, in enantiomeric sepn. of aryl derivatives of propionic acids, 12G45

visualization reagents for, bromocresol green as, in detection of carboxylates, 12D109

chromatography, thin-layer, high-performance, in detection of arginine, lysine and proline, iodine-azide reaction for, 12F284

chromium, detmn. of hexavalent, in soil, by ET AAS, extraction in, 12H166

detmn. of trace, in leaves, by adsorptive stripping voltammetry, methods in, in monitoring of atmospheric contamination, 12A93

detmn. of trivalent, in vitamins, by differential pulse voltammetry, electrodes for, 12G169 speciation of, in sea water and waste water, by spectrophotometry,

sample prep. in, 12H62 chromium ion (Cr3+), detmn. of, in biological materials and water, by

ICP AES, sample prep. in, 12F41 chromium ion (Cr6+), detmn. of, by ion chromatography-ICP MS, isotope

dilution in, 12D86 detmn. of trace, in water, by adsorptive stripping voltammetry, reagents for, 12H63

chromosomes, detection of 18-locus Y-short tandem repeat, in biological materials, by PCR, 12F326

chrysotile, detection of, in soil, by XRD, 12H190

Chuanxiong, identn. of phthalides in, by HPLC-APCI MS, 12G226

cigars, detmn. of nicotine in, by GC, microwave and Soxhlet extraction in, effect of moisture on, 12E107

cimetidine, detmn. of, in pharmaceuticals and urine, by flow-injection spectrophotometry and spectrophotometry, 12G162

cinnamic acid glucosides, hydroxy-, detmn. of, in linseed, by HPLC, extraction in, 12H232

cinnamic acid, hydroxy-, esters, detmn. of, in plasma, by HPLC, detectors for, 12F55

cisplatin, study of interaction of, with haemoglobin, by HPLC-ICP MS and nanoelectrospray MS, 12G103

citalopram, sepn. of, and its metabolites, by capillary electrophoresis, chiral selectors for, 12G85

citrus fruit, sepn. of flavanone 7-O-glycoside diastereoisomers in, by capillary electrophoresis, 12H330

Citrus inflata, identn. of odorous substances in essential oils of peel of, by GC, GC-MS and GC-olfactometry, 12E100

citrus-fruit juices, sepn. of flavanone glycosides in, by capillary electrophoresis, 12B64

clavulanic acid, detmn. of, in biological fluids, by HPLC, 12G79 clenbuterol, detmn. of, in pharmaceuticals, by HPLC, detection in, 12G11 clinical analysis, consensus of proteomics with, validation of, chemometrics for, 12F15

in anatomical pathology, for targeting cancer treatment, 12F21 lab-on-a-chip for, review, 12F20

clofazimine, detmn. of, in plasma, by HPLC, 12G78

clofibrate, detmn. of, in plasma, by HPLC, 12G152 clofibric acid, detmn. of, in plasma, by HPLC, 12G152

clonazepam, 7-amino-, detmn. of, in urine, by GC-MS, SPE in, 12G92

clopidol, detmn. of, in chicken, by LC, collaborative study, 12H294 cloud, detmn. of mercury and trace elements in, samplers for, 12H118

clove, detmn. of organic compounds in essential oils of buds and leaves of, by GC and GC-MS, in study of insecticidal properties, 12G224 coatings, depth profiling of zinc in conductive, by glow-discharge TOF

MS, 12E27 depth-profile analysis of organometallic, by glow-discharge AES, 12E30

depth-profile analysis of thin zinc, by glow-discharge TOF MS, 12E24 optimization of multilayer optical, 12E13

cobalt, detmn. of, in mixed sintered perovskites, by ICP MS, 12E31 cocaine, detmn. of, and its metabolites, in plasma, by LC-tandem MS,

detmn. of, in meconium, by LC-MS, validation of, 12G61

codeine, detmn. of, and its metabolites, in plasma, by HPLC, for study of codeine-gluthetimide interaction, 12G66

coffee, detmn. of acrylamide in, by GC-tandem MS, 12H77

identn. of organoselenium compounds in, by GC-ICP MS, SPMF in, 12H365

coins, detmn. of elements in mediaeval silver, by PIXE and XRF, 12E124 colchicine, detmn. of, sensors for, 12G97

colon, detmn. of trace elements in, by GPC and ICP MS, 12F43

Colour Index, Acid Red 87, detmn. of, in water, by capillary electrophoresis, detection in, in tracing of groundwater migration, 12H86 Colour Index, Food Yellow 3, detmn. of, in water, by thermal-lens spec-

trometry, instrumentation for, 12C61 computer applications, for evaluation of molecularly imprinted polymer stationary phases, for sepn. of 4-hydroxybenzoic acid and homologues

and nicotinamide isomers, by HPLC, 12B29 for simulation of kinetic analysis, of enzymes, by LC-diode array detection-MS, 12F310

computer programs, for food characterization, by chromatography analysis, 12H269

for spectrometry, validation of, 12C8

GEANT 4, in analysis of beta decay of germanium-76, statistics in, 12A37

HypNMR2000, in measurement of protonation constants of fluorinated polyamines, by NMR, 12D114

ProSight PTM, in detmn. of proteins, by MS, 12F196

SIMUL, for analyte focusing, in sepn. of phenol, preconcentration in, 12D128

computer simulations, of Balmer-alpha, -beta and -gamma Stark line profiles, for plasma diagnosis, in spectrometry, 12C5

continuous-flow analysis, for high-precision kinetic analysis, 12A49 Conyza canadensis, identn. of organic compounds in essential oils of, by GC-MS and NMR, 12G210

copolymers, identn. of low mol. wt. hydrolysis products of PVC blend of polycaprolactone-polycarbonate, in water, by GC-MS, SPME in,

copper, detmn. of, by AAS, SPE in, 12D28

detmn. of, by adsorptive stripping voltammetry, 12D15

detmn. of divalent, by kinetic spectrophotometry, 12D44

detmn. of divalent, ISE for, 12D35

detmn. of, in digests of foods, by ICP MS, in certification of analyte content, 12H255

detmn. of, in plasma, by HPLC, reagents for, 12F106

detmn. of, in plasma, by HPLC, sample prep. in, 12F106 detmn. of, in teeth, by AAS, sample prep. in, 12F52

detmn. of, in water, by kinetic spectrophotometry, 12H134

detmn. of, sensors for, 12D40

measurement of isotope ratios of, by laser ablation-multiple collector ICP MS, 12D20

trace analysis of high-purity, by glow-discharge AES and glowdischarge MS, in round robin study, 12E23

copper alloys, detmn. of bismuth and copper in, by adsorptive stripping voltammetry, 12D15

detmn. of elements in, by NAA and PIXE, 12E32

copper sulfide (CuS), detmn. of gold and silver in concentrates of, by

coral, detmn. of fluorine in skeletons, by NAA, 12E63

corilagin, detmn. of, in Phyllanthus urinaria Chinese medicinal herbs, by frontal immunoaffinity chromatography and MS, 12G199

cormorant, detmn. of octachlorostyrene in, by GC-MS, 12H26 corticosteroids, detmn. of, in pharmaceuticals, by MEKC, 12G192 detmn, of, in urine, by LC-tandem MS, 12G160 sepn. of, by micellar LC, optimization of, 12G179

cotinine, detmn. of, in hair, saliva and urine, by GC-MS, 12F80

coumarin, detmn. of epoxidation products and glutathione conjugate of, in hepatic microsomes, by HPLC, 12F100

detmn. of metabolites of, in microsomal incubations, by capillary electrophoresis, pH-mediated sample stacking in, 12G261

C-peptide, detmn. of, by sequential-injection capillary electrophoresis,

creatine, detmn. of, biosensors for, 12F399

creatinine, detmn. of, biosensors for, 12F399

detmn. of, in serum, by automated analysis and nephelometry, 12F281 detmn. of, in urine, by HPLC, 12F246

detmn. of, in urine, by MEKC, 12F99

o-cresol, detmn. of, in water, by spectrophotometry, 12H60

cresols, sepn. of, by CZE, mobile phases for, 12D136

crops, detmn. of pesticides in Korean, by GC, detection in, 12H225 crystallins, αA-, identn. of acetylation and phosphorylation sites of, in eye

lens, by 2D PAGE and LC-electrospray MS, 12F166 crystallization, monitoring of, in supersaturated solution, sensors for,

Curcuma caesia, identn. of VOC in essential oils of rhizome of, by GC-MS, 12G221

cyanide, detmn. of, by flow-injection fluorimetry, 12D65

detmn. of, by room-temperature phosphorescence, 12D14

detmn. of, in industrial waste, soil and water, by colorimetry, 12H12 measurement of storage stability of, in water, 12D18

cyanidin 3,5-diglucoside, identn. of, rose petals, by TLC, 12H221 cyanobacteria, extraction of phycobiliproteins from, cell disruption in,

12F176 cyanoginosins, detmn. of by immunoassay, detection in, 12F83

cyclodextrin complexes, characterization of β-carboline derivative, by fluorimetry, IR spectrometry and NMR, 12G238

γ-cyclodextrin derivatives, identn. of, and its enantiomers, by capillary electrophoresis, IR spectrometry and NMR, 12D139

cyclosporin A, detmn. of, in blood, by HPLC, 12G114

cyprodinil, detmn. of, in grape and lettuce, by GC, 12H337

cyproterone acetate, detmn. of, in plasma, by LC, automation in, 12G181 cystatin C, detmn. of, in serum, by automated analysis and nephelometry, cysteine, detmn. of, by cyclic voltammetry, electrodes for, 12F207

cytochrome c, detmn. of reduction of ferri-, by spectrophotometry, 12F306

study of interaction with DNA, by cyclic voltammetry, electrodes for, 12F317

cytometry, flow, coupled with LC, in detection of biochemical compounds, 12F118

D

DA 7867, detmn. of, in biological tissues, plasma and urine, by HPLC, 12G81

dairy products, detection of Salmonella in, pre-enrichment broths for, 12H317

detmn. of VOC in, sensors for, review, 12H325

data processing, 2D correlation spectroscopy for, in analysis of polymer blends, by Raman spectrometry, 12E92

data mining as, in detmn. of VOC, in atmosphere, by GC, for study of relationships with transient high ozone formation, 12H36

for three-way data, in kinetic analysis, 12A24

generalized rank annihilation method for, in detmn. of aromatic compounds, by parallel column HPLC, 12B26

Haar transform, in detmn. of optical properties, by pulsed photon TOF light scattering, 12C12

in analysis of biological fluids, by NMR, for metabolic profiling, variable stability scaling in, 12A15

in detection of vapours, sensors for, classical least squares transformations of response pattern vectors for, 12A60

in detmn. of trace elements, in groundwater, by ICP MS, factor analytical approaches for, 12H70

in diffusion-ordered spectroscopy NMR, multivariate and single channel, 12C53

multivariate bilinear, in analysis of acid-base equilibria of nucleotides, by NMR, 12F345

two-way, in detection of metabolites, in urine, as phospholipidosis biomarkers, by LC-electrospray MS, 12F14

databases, for element LOD, by ICP MS, systematic behaviour patterns in, 12D9

of k₀ and related nuclear data, for NAA, 12C92

of micro-organisms, 12F9

ProteinScape, in high-throughput identn, of proteins, by MS, 12F165 dannorubicin, detmn. of, by differential pulse voltammetry, electrodes

for, 12G112 deformability, measurement of, of erythrocytes, 12F22

dendrofullerenes, identn. of, by HPLC-electrospray MS, 12D64

density, measurement of, of liquids, sensors for, 12F114

depth-profile analysis, by glow-discharge AES, calibration in, 12C39 by glow-discharge AES, mathematical models for, 12C38 of boron/phosphorus-doped silicate glass thin films, 12E34 of organometallic coatings, by glow-discharge AES, 12E30

of thin zinc coatings, by glow-discharge AES, 12E30 of thin zinc coatings, by glow-discharge TOF MS, 12E24 desloratadine, detmn. of, in plasma, by LC-tandem MS, 12G102

dextrins, identn. of, in beer, by LC-NMR-electrospray MS and NMR, 12H361

dextropropoxyphene, detmn. of, in pharmaceuticals, by spectrophotometry, mathematical models for, 12G36

dialysis, micro-, of hydrophobic compounds, enhanced recovery in, water-soluble cyclodextrins for, 12A40

diamond, detmn. of elements in, by laser ablation ICP MS, 12E102

diazinon, detmn. of, in water, by HPLC, TLC in, 12H88

dibenzo-p-dioxin derivatives, bromo-, detmn. of, by GC-MS, splitless injection for, thermal decomposition in, 12H16

dibenzo-p-dioxin derivatives, chloro-, detmn. of, in faeces, by GC-MS, extraction in, 12F103

detmn. of, in serum, by GC-MS, sample prep. in, 12F82

detmn. of, in waste, by high-resolution GC-MS, 12H145 detmn. of, in wood, by GC-MS, 12E96

dibenzofuran derivatives, bromo-, detmn. of, by GC-MS, splitless injection for, thermal decomposition in, 12H16

dibenzofuran derivatives, chloro-, detmn. of, in faeces, by GC-MS, extraction in, 12F103

detmn. of, in serum, by GC-MS, sample prep. in, 12F82 detmn. of, in waste, by high-resolution GC-MS, 12H145 detmn. of, in wood, by GC-MS, 12E96

dichlorvos, detmn. of, biosensors for, 12A70

detmn. of, in confined atmosphere, by SPME-GC-MS, 12H50

diclofenae, detmn. of, in water, by GC-MS, SPE in, 12H108 detmn. of, sensors for, 12G38

diclofenac sodium, detmn. of, in model biological fluids, by LC, in permeation studies, 12G59 Dicranopteris dichotoma, detmn. of distribution of rare-earth metals in chloroplast of, by ICP MS, 12H207

dienoestrol, detmn. of, in bovine urine, from animals for human consumption, by GC-MS, immunoaffinity chromatography in, 12H292

diesel fuel, detmn. of sulfur in, by NIR spectrometry, calibration in, 12E70 dietary supplements, detmn. of ademetionine in, by capillary electrophoresis, 12G172

phoresis, 12G172 detmn. of ephedrine derivatives in, by LC-tandem MS, collaborative study, 12G191

diffusion, measurement of, of oxygen in polymer films, by luminescence, mathematical models for, 12A14

digestion, acid, of urine, for detmn. of cadmium, by ET AAS, 12F73

digestion, microwave, in detmn. of neurotoxins, in biological fluids, by ICP MS, 12F67

of arsenic compounds, in quantification by HPLC-ICP MS, 12D75 of waste water, for measurement of COD, by titrimetry, 12H140

diltiazem, detmn. of, in plasma, by HPLC, liquid-liquid extraction and SPE in. 12G150

dimethindene, sepn. of enantiomers of, by capillary electrophoresis, resolution in, optimization of, chemometrics in, 12B59

dimethylamphetamine, detmn. of, and its metabolites, in urine, by capillary electrophoresis-MS, 12G183

1,4-dioxane, detmn. of, in Triton X-100, by GC-MS, 12E104

dioxin derivatives, detmn. of, in faeces, by GC-MS, extraction in, 12F103 dipyridamole, detmn. of, in pharmaceuticals, by phosphorimetry, 12G137 dipyrone, detmn. of, in pharmaceuticals, by flow-injection spectrophotometry, 12G44

detmn. of, in pharmaceuticals, by spectrophotometry, mathematical models for, 12G36

disinfectants, detmn. of hydrogen peroxide in, biosensors for, 12E111 disopyramide, analysis of binding of α₁-acid glycoprotein genetic variants to enantiomers of, by capillary electrophoresis, effect of pH

disulfide, diphenyl, study of electrochemical behaviour of, in acrylonitrile, by cyclic voltammetry, 12D131

DNA-directed DNA polymerase, detection of DNA interactions of, biosensors for, 12F358

dopamine, detmn. of, sensors for, 12F34

dothiepin hydrochloride, detmn. of, in pharmaceuticals, by spectrophotometry, reagents for, 12G84

dough, detmn. of thiols and their derivatives in, by HPLC, reagents for, in study of effects of ascorbic acid addition, 12H273

sequence analysis of proteins in wheat, by electrospray MS, in study of effects of ascorbic acid, 12H274

study of reaction of glutathione disulfide with glutelin thiol groups in wheat, by GPC, HPLC and scintillation counting, in study of effects of ascorbic acid, 12H274

doxycycline, detmn. of, and impurities, in pharmaceuticals, by LC, 12G73 DRF 1042, detmn. of, in plasma, by HPLC, validation in, 12G251

Drosophila melanogaster, detmn. of biogenic amines in, by MEKC, 12F194

drugs, analysis of, in urine, by NMR, for classification of toxicity, chemometrics for, 12G23

detection of odorous substances in, by SPME-GC, 12G22

detmn. of, and their metabolites, by electrospray MS, review, 12G24 detmn. of aryloxy-substituted aryl piperazine-based, in biological materials, by HPLC-electrospray MS, 12G15

detmn. of date rape, in biological materials, by GC-MS, review, 12G20 detmn. of, in biological fluids and pharmaceuticals, by electrochemical analysis, review, 12G18

detmn. of, in biological materials, by HPLC-MS, review, 12G26

detmn. of, in biological materials, by LC-MS, SPME in, review, 12G28 detmn. of, in biological materials, by LC-tandem MS, 12G27

detmn. of, in blood, by LC-MS, multiple-reaction monitoring in, 12G32 detmn. of, in pharmaceuticals, by HPLC and ICP MS, nebulizers for, 12G7

detmn. of, in plasma, by APCIMS and electrospray MS, elimination of matrix effects in, 12G35

detmn. of, in urine, by GC-MS, extraction in, 12G34

detmn. of veterinary, in biological tissues, from animals for human consumption, by LC-tandem MS, review, 12G25

identn. of enantiomers of optically active, in pharmaceuticals, by HPLC-circular dichroism, 12G12

sepn. of, by microchip electrophoresis-MS, interfaces for, 12F268 sepn. of enantiomers of basic, by capillary electrophoresis and capillary

electrophoresis-MS, chiral selectors for, 12B63 sepn. of enantiomers of, by capillary electrophoresis, chiral selectors for, 12G5

sepn. of enantiomers of, in biological materials and pharmaceuticals, by capillary electrophoresis, electrochromatography or LC, review, 176319

sepn. of enantiomers of, in pharmaceuticals, by electrochromatography. stationary phases for, 12G6

drugs of abuse, detection of, in equine urine, by GC-MS, 12G31 detmn. of, in biological materials, by GC-MS, review, 12G20

detmn. of, in biological materials, by LC-MS, review, 12G30 detmn. of, in hair, by GC-MS and LC-MS, reference materials for,

detmn. of, in pharmaceuticals and urine, by GC, 12G193

identn. of, in biological materials, by LC-MS, review, 12G29 dust, detmn. of heavy metals in car park, by flame AAS, sequential extraction in, 12H48

dust, road, detmn. of platinum-group metals in, by flow-injection ICP MS, online preconcentration in, 12F94

dyes, detmn. of, in textiles, by HPLC, detectors for, 12E120

identn. of anthraquinones in natural red, by HPLC-electrospray MS, 12E113

earthworm, detmn. of iodine-containing metabolites in, by HPLC-ICP

ectoine, detmn. of, in micro-organisms, by anion-exchange chromatography, detection in, 12F4

eel, detmn. of metalloproteins in, by GPC and ICP TOF MS, 12F78

eggs, characterization of low-density lipoproteins in yolks of, in study of emulsifying activity, 12H287

detmn. of alkylphenols and ethoxylates in, by LC-electrospray MS. extraction in, 12H298

detmn. of cholesterol, fatty acids and lipids in yolks of, by GC, 12H288 of enrofloxacin in, by bioassay and LC-fluorescence-MS, detmn. 1214293

electrical discharges, glow, study of properties of argon plasma in, by AES, 12D32

electrochemical analysis, in detmn. of drugs, in biological fluids and pharmaceuticals, review, 12G18

in detmn. of phenothiazine derivatives, by LC and LC-MS, 12G130 redox probes for, in detection of uric acid, 12F387

electrochemical analysis, spectro-, instrumentation for, portable, based on simultaneous multimode selectivity, 12A96

electrochemical microscopy, scanning, in imaging of breast biological cells, 12F12

ultramicroelectrodes for, 12C16

electrodes, characterization of miniaturized reference, integrated in silicon-based pH sensor, 12D46

cobalt haematoporphyrin-immobilized silica gel-modified carbon paste, characterization of, 12A73 for adenosine, electrochemically pretreated carbon fibre, 12F388

for cefoperazone, in biological materials, milk and pharmaceuticals, 12G17

for chromium(III), in vitamins, monocrystalline diamond paste-based, 12G169

for EIA, immunoelectrochemical, flow, gold bands as, 12F6

for electron transfer, of sulfite oxidase, alkanethiol-modified gold, 12F309

for glutathione and tryptophan, in hepatocytes, electrochemical, coupled with CZE, 12F193

for heavy metals, in metallurgical waste water, 12H138

for interaction of cytochrome c, with DNA, cobalt/glassy carbon ionimplantation-modified, 12F317

for neurotransmitters, planar carbon pyrolyzed photoresist film-based, for microchip-based capillary electrophoresis devices, 12F148 for nitric oxide, in air, platinum/Nafion, 12H55

for nitric oxide, in lesioned retina, nickel porphyrin-modified platinum, 12F37

for persulfate, in hair bleaching products, Prussian blue film-modified glassy carbon disk, 12E116

for phenol, carbon felt, electrochemical, 12D126

for [(trimethylammonio)methyl]ferrocene, electrochemical, 12D12

for underivatized DNA, boron-doped diamond, 12F356

micro-, for nitric oxide, in sea water, ISO-NOPMC and modified platinum, 12H128

micro-, in detmn. of nitric oxide, in kidney tubule fluid, review, 12F60 electrodes, ion-selective, for ascorbic acid in apple juice, pharmaceuticals and urine, silica sol-gel-coated ferricyanide-doped Tosflex-modified screen-printed, 12A69

for caesium, cephalexin-based plasticized PVC matrix membrane, 12D34

for cerium(III), azomethine-type ionophore-based PVC membranes as, 12D57

for copper(II), copper(II)-salophene complex-based coated-disc and coated-wire, 12D35

for iodide, membranes for, optimization of, 12D11

for mercury(II), in seawater, mercury(II) chalcogenide, 12H75

for nickel ion, carboxylated and methylated porphine-based PVC membranes as, 12H155

for nitrate, potentiometric, bis-(2-hydroxyanil)acetylacetone lead(II)based, 12D73

for nitrate, rubbery membrane-immobilized ion exchanger-based, mechanistic aspects of, 12A65

for nitrite, in milk and sausages, cobalt(II)-salen PVC membrane based,

for salicylate, cobalt(III)-Schiff base complex-modified PVC membrane, 12G53

for silver, diazatetrathia macrocyclic ionophore-based PVC membrane, 12D36

for silver ion (Ag*), octahydroxycalix[4]arene derivative-based coated wire, 12D37

for strontium, potentiometric, dibenzo-30-crown-10-based, 12D48 for uranyl ion, PVC membrane, 12A75 review, 12A53

electron micro-probe analysis, grazing exit, in detmn. of metal compounds, in stainless steel, 12E9

X-ray, in measurement of concentration profiles on submicrometre scale, 12C10

electron microscopy, scanning, detection in, energy-dispersive X-ray, in analysis of corroded bronze archaeological materials, 12E118

electronic devices, micro-, capillary electrophoresis, electrodes for, planar carbon, pyrolyzed photoresist film-based, in sepn. neurotransmitters, 12F148

process control of, by Raman spectrometry, 12E37

electrophoresis, detection in, pulsed amperometric, in detmn. of aminoacids, carbohydrates and sulfur-containing antibiotics, microfluidic systems for, 12B55

di-, microfluidic systems for, 12B53

in immunoassay, in detection of secretion of insulin, from live biological cells, microfluidic systems for, 12F149

in sepn. of enantiomers, microfluidic systems for, review, 12D99

in single-strand conformation polymorphism analysis of DNA, chemometrics for, 12F360

microchip-, coupled with MS, interfaces for, in sepn. of drugs and peptides, 12F268

microchip, 2D, pressurization technique for, in sepn. of proteins, 12F192

microchip, in sepn. of DNA, 12F350

electrophoresis, capillary, affinity probe for, fluorescently-labelled guanosine 5'-triphosphate, in detection of guanine-nucleotide-binding proteins, 12F200

chemometrics for, 12A36

chiral selectors for, a1-acid glycoprotein as, in sepn. of drug enantiomers, 12G5

chiral selectors for, charged cyclodextrin derivatives as, in sepn. of enantiomers of atropisomeric PCB, 12H19

chiral selectors for, charged cyclodextrins as, in sepn. of chiral peptide nucleic acid monomers, 12F365

chiral selectors for, chiral zwitterionic surfactants as, in enantiomeric sepn. of 1,1'-binaphthyl-2,2'-diamine and Troeger's base, 12B61

chiral selectors for, β-cyclodextrin sulfate as, in sepn. of citalopram and its metabolites, 12G85 chiral selectors for, cyclodextrins as, in sepn. of enantiomers of

binaphthyl compounds, 12D132 chiral selectors for, hexakis(2,3-di-O-acetyl-6-O-sulfo)-α-cyclodextrin

as, in sepn. of enantiomers of organic compounds, 12D101

chiral selectors for, highly sulfated cyclodextrin as, in sepn. of enantiomers of basic drugs, 12B63

chiral selectors for, in analysis of foods, review, 12H248

chiral selectors for, in sepn. of (aminoalkyl)phosphonic acid enantiomers, 12D121

chiral selectors for, terguride-based, in sepn. of dansyl amino-acid enantiomers, 12F285

chiral selectors for, vancomycin as, in sepn. of enantiomers, 12D102 counterions for, chiral, (1R,2R)-(-)-1,2-diaminocyclohexane as, in

sepn. of tartaric acid enantiomers, 12D103 coupled with MS, coaxial liquid sheath-flow sprayer in, in characterization of protein complexes, 12F255

derivatization reagents for, 4-N-(4-N'-aminoethyl)piperazino-7-nitro-2, 1.3-benzoxadiazole as, in detection of profens, 12G43

detection in, indirect photometric, in detmn. of metabolite carboxylic acids in Bacillus subtilis, 12F392

detection in, laser-induced fluroescence, in detmn. of eosin in water, in tracing of groundwater migration, 12H86

detectors for, fluorescence, in detmn. of microparticles, in blood platelets, 12F42

dual cyclodextrin system for, in sepn. of enantiomers of selegiline hydrochloride and its metabolites, in urine, 12G256

immunoaffinity, reagents for, fluorescent antibody, in detmn. of erythropoietin in biological fluids, 12F146

in analysis of contents of biological cells, cell lysis for, electrical, 12F8 in analysis of mutations, in DNA, instrumentation for, evaluation of denaturating conditions in, 12F374

in analysis of proteins, in CSF and serum, review, 12F227

in analysis of single biological cells, review, 12F378

in detmn. of activation of protein kinase A, in biological cells. endogenous fluorescent substrate for, 12F308

in detmn. of ademetionine, in dietary supplements, 12G172

in detmn. of ragaglitazar, validation of, 12G104 in detmn. of salicylic acid and related compounds in Arabidopsis plants,

in sepn. of DNA, radial migration in, 12F331

in sepn. of drug enantiomers, in biological materials and pharmaceuticals, review, 12G19

in sepn. of phenols, preconcentration in, computer programs in, 12D128 in sequential analysis of DNA in cancer, by capillary electrophoresis,

in speciation of elements, review, 12D27

injectors for, nano-, 12B52

instrumentation for, microchip-based, in sepn. of neurotransmitters, electrodes for, planar carbon, pyrolyzed photoresist film-based,

microchip-based, coatings for, poly(vinyl alcohol), in sepn. of enantiomers of amines, 12D100

microchip-based, detectors for, electrochemical, in detmn. of aromatic amino-acids, 12F298

microchip-based, matrices for, low mol. wt. hydroxypropylmethylcellulose as sieving, in sepn. of double stranded DNA fragments, 12F375

microfluidic systems for, 12B51

non-equilibrium, in detmn. of DNA-protein interactions, 12F215

normal- and reversed-polarity, chiral selectors for, cyclodextrins as, in sepn. of profen enantiomers, 12G40

on-line preconcentration in, stationary phases for, monolithic methacrylate polymers as, 12B56

partial-filling affinity, in measurement of binding constants, in biological analysis, 12F1

pH-mediated sample stacking in, in detmn. of coumarin metabolites, in microsomal incubations, 12G261

reagents for, sulfated β-cyclodextrin as, in detmn. of hydroxyitraconazole and itraconazole, in serum. 12G96

reagents for, sulfobutyl ether-β-cyclodextrin as, in sepn. of flavanone glycosides in citrus-fruit juices, 12B64

resolution in, chiral, optimization of, chemometrics in, 12B58, 12B59 sample stacking in, coated capillaries for, in sepn.of aromatic aminoacids, chlorophenols and weakly acidic organic compounds, 12D96

separation modes for, in sepn. of enantiomers of dihydrofurocoumarins, 12G209

sequential-injection, micro-, in detmn. of C-peptide, insulin and proinsulin, 12F152

stationary phases for, physically adsorbed polymeric, in sepn. of acidic and basic proteins, 12F271

stationary phases for, ultra-high-molar-mass polyacrylamides as, in sepn. of DNA, 12B57 study of electroosmotic flow profile in, Fourier transform and virtual

digital Shah function mask for, 12B5

electrophoresis, capillary zone, capillaries for, coated and non-coated, in sepn. of aromatic sulfonic acids, 12E114

chiral selectors for, heptakis(2,3-diacetyl-6-sulfo)-\(\beta\)-cyclodextrin as, in detmn. of adrenergic blocking agents, 12G141

chiral selectors for, sulfated β-cyclodextrin as, in sepn. of warfarin enantiomers and its metabolites, 12G140

detectors for, diode array as, in detmn. of phenols, in extra-virgin olive oil, 12H323

in study of glutenin-maltodextrin interactions, 12H277

mobile phases for, methanol at high pH as, in sepn. of phenol and cresols, 12D136

electrophoresis, gel, buffers for, 2-amino-2-methyl-1,3-propanediol/ glycine as, in sepn. of proteins, 12F237

2D, in identn. of proteins, in melanoma, 12F242

miniaturized, stationary phases for, ultrathin SDS-polyacrylamide as, in sepn. of proteins, 12F237

thermal, in sepn. of micro-organisms, 12F17

electrophoresis, gel, polyacrylamide, 2D, and coupled with MS, in study of proteins in biological materials, review, 12F286

2D SDS, in identn. of proteins in non-Hodgkins lymphoma, 12F241

2D SDS, in identn. of proteins in olive leaf, 12H212

in study of dimer to monomer transition of prealbumins, 12F236

SDS, reagents for, thiol-reactive dyes for fluorescence-labeling as, in analysis of proteins, 12F239

SDS, reference peptides for, in vitro-generated, in analysis of polypeptides, 12F177

electrophoresis, planar, polymeric, in detection of ions, lab-on-a-chip for, detection in, 12D3

elements, detection of, by ICP MS, databases for, systematic behaviour patterns in, 12D9

detection of, in large and non-standard geometry samples, by NAA, calibration of, 12D13

detmn. of, as impurities in semiconducting materials, by AES and NAA, 12E33

detmn. of, as trace impurities in quartz, by ICP AES and ICP MS, 12E17

detmn. of, by AAS, background compensation in, 12C46

detmn. of, by ICP AES, matrix effects in, 12C40 detmn. of, by ICP MS, fractionation in, 12C82

detmn. of, in air, by ICP AES, 12H45

detmn. of, in air, by NAA and PIXE, 12H52

detimi. of, in aluminium, by ICP MS, SPE in, 12E18 detim. of, in aluminium, by ICP MS, SPE in, 12E18 detim. of, in analytical standards, by NAA, in quality assurance, 12C93

detmn. of, in bark, by NAA and PIXE, 12H237

detmn. of, in beans, by AAS and ICP AES, 12F84

detmn. of, in blood and serum, by ICP MS, instrumentation for, 12F53 detmn. of, in coins, by PIXE and XRF, 12E124

detmn. of, in copper alloys, by NAA and PIXE, 12E32

detmn. of, in diamonds, by laser ablation ICP MS, 12E102 detmn. of, in fish and solids, by laser ablation ICP MS, 12H289

detmn. of, in foods, by NAA, 12H253

detmn. of, in gallstones, by XRF, 12F105

detmn. of, in geological materials and water, by ICP MS, chemometrics for, 12E67

detmn. of, in glass and steel, by ICP MS, calibration in, 12E28 detmn. of, in glass, by ICP MS and laser ablation ICP MS, 12E8

detmn. of, in glass, by XRF, 12E41

detmn. of, in grape juice, soil and wine, by AAS and ICP MS, 12H21 detmn. of, in Japanese diet CRM, by NAA, 12H244

detmn. of, in micro-organisms, by XRF, 12F39

detmn. of, in moss, sea water and vodka, by ICP MS, internal standardization in, 12C86

detmn. of, in sea water, by flow-injection ICP MS, 12H100

detmn. of, in serum, by ICP MS, flow-injection in, 12F93

detmn. of, in steel, by ICP AES, instrumentation for, 12E19

detmn. of, in steel, by laser-induced plasma AES, instrumentation for, 12E29

detmn. of, in virgin olive oil, by flow-injection ICP MS, 12H315 detmn. of, in waste gases and waste water, by GC, sample prep. in, 12H148

detmn. of, in water, by electrothermal vaporizer ICP MS, 12H98

detmn. of minor and trace, in brain, by NAA, 12F58

identn. of, in meteorites, by radioactivation analysis by neutrons, 12E60 measurement of fluorescence cross-sections and relative intensity ratios of, by XRF, 12C43

measurement of KaL^X X-ray spectra of, by X-ray spectrometry, 12D30 speciation of, by capillary electrophoresis, review, 12D27

speciation of, by HPLC-isotope dilution ICP MS, evaluation of uncertainty in, 12D25

study of uptake of, on materials for ion-exchange, radiotracers for, tracer packet technique for, 12D17

ellagic acid, detmn. of, in Phyllanthus urinaria Chinese medicinal herbs, by frontal immunoaffinity chromatography and MS, 12G199 emetine hydrochloride, detmn. of, in pharmaceuticals, by LC, 12G100

enalapril maleate, detmn. of, in biological fluids and pharmaceuticals, by flow-injection chemiluminescence, reagents for, 12G148

enantiomers, sepn. of, by co-electroosmotic flow capillary electrophoresis, chiral selectors for, 12D102 sepn. of, by electrophoresis, microfluidic systems for, review, 12D99

sepn. of, by LC, stationary phases for, 12B36 sepn. of heterometal cluster, by HPLC, stationary phases for, 12D94

endocrine disruptors, analysis of interactions of, with oestrogen receptor, by fluorescence polarization receptor assay, 12F151

detmn. of, in water, by LC-sonic spray MS, SPE in, 12H127

detmn. of interactions of, with oestrogen receptor-β, by fluorescence, ligands for, 12F150

endopeptidases, characterization of post-proline cleaving, by LC-MS, 12F312

enrofloxacin, detmn. of, in eggs, by bioassay and LC-fluorescence-MS,

environment, detection of PAH in, sensors for, molecular recognitionbased, overview, 12A92

environmental analysis, calibration in, multiple outlier effects in, 12H9 sampling in, subsampling error estimation in, chemometrics for, 12H8 environmental materials, detmn. of actinides in, by XRF, 12H22

detmn. of arsenic(III) and inorganic arsenic in, by AAS, sampling in, 12H24

detmn. of iron(III) in, by spectrophotometry, reagents for, 12H3

detmn. of isocyanuric acid in, by GC, detectors for, extraction in, 12H6

detmn. of methylmercury in, by GC-AFS, 12H5 detmn. of octachlorostyrene in, by GC-MS, 12H26

detmn. of organic pollutants in, review, 12H123

detmn. of phenol in, by cyclic voltammetry, electrodes for, 12D126

detmn. of platinum-group metals and rhenium in, by ICP MS, sample prep. in, 12H23

detmn. of pollutants in, by chiral GC and chiral HPLC, overview, 12H1 detmn. of uranium in, by γ-ray spectrometry, evaluation of γ lines for, 12H15

extraction of organic compounds from, review, 12H17

sepn. of PAH in, by 2D HPLC, 12H13

speciation of arsenic in, review, 12H10

speciation of metals in, advances in, 12H2

environmental monitoring, detmn. of trace elements in squid, by ICP MS and NAA, 12H79

of sea water, by detmn. of enantiomers of PCB atropisomers, in porpoise liver, by GC and GC-MS, 12H117

of water, by detmn. of polycyclic aromatic hydroxy-compounds, in fish bile, by GC-MS and HPLC, 12H116

enzyme immunoassay, alkaline phosphatase for, immobilized and native, in detmn. of zinc(II), in blood, 12F36

electrodes for, immunoelectrochemical, flow, 12F6

flow-injection, in detmn. of alkylethoxyphenols, in waste water and water, 12H76

in detmn. of nitrated proteins, in study of air pollution, 12F220

enzyme-linked immunosorbent assay, bead injection, in detmn. of antiglutamic acid decarboxylase antibodies, 12F222

in detection of Salmonella, in foods, enrichment broths for, 12H251

in sepn. of hapten-specific antibodies, elution conditions for, optimization of, 12F170

solid-phase, in detmn. of hyaluronic acid in biological materials, 12F115

enzymes, kinetic analysis of, by LC-diode array detection-MS, computer applications for, 12F310

solid-phase modification of therapeutic, by affinity chromatography, 12G105

enzymic analysis, ceramide kinase-based, in detmn. of ceramide in biological cells, 12F135

(+)-ephedrine, detmn. of, in ephedrine enantiomeric mixture, by capillary electrochromatography, chiral selectors for, 12G189

ephedrine, detime, of ephedrine enantiomers in enantiomeric mixture, by capillary electrochromatography, chiral selectors for, 12G189

detmn. of, in ephedrine enantiomeric mixture, by capillary electrochromatography, chiral selectors for, 12G189

ephedrine derivatives, detmn. of, in dietary supplements and herbal medicines, by LC-tandem MS, collaborative study, 12G191 detmn. of, in pharmaceuticals and urine, by GC, 12G193

detmn. of, in plasma and urine, by LC-tandem MS, collaborative study, 12G194

epigallocatechin gallate, study of oxidation of, by LC-tandem electrospray MS, 12H254

4-epioxytetracycline, detmn. of, in veal, by HPLC-electrospray MS, 12H284

erlotinib hydrochloride, detmn. of, and its metabolites, in plasma, by LC-tandem MS, 12F56

erythrocytes, detmn. of ATP in deformed, by chemiluminescence, 12F22 detmn. of iron in, by ion-exchange chromatography and scintillation counting, 12F84

measurement of deformability of, 12F22

erythromycin, detmn. of, by LC, columns for, 12G75

detmn. of, by LC, statistics for, 12G75

detmn. of, in pharmaceuticals, by LC, 12G76

erythropoietin, detmn. of, in biological fluids, by capillary electrophoresis, reagents for, 12F146

Escherichia coli, characterization of proteins from, by MALDI MS, 12F259

detection of 0157:H7, by immunoassay, antibody-tagged liposomes for, 12F71

detmn. of DNA-binding proteins in, by CCC and PAGE, 12F272 detmn. of proteins in, by LC-MS, 12F261

identn. of, by bioassay and MALDI TOF MS, databases for, 12F9

essential oils, analysis of marjoram, by GC-MS, in study of genotypeenvironment interactions, 12H216

detmn. of di- and triglycerides in plant, by HPLC-APCIMS, 12E106 detmn. of organic compounds in *Pimpinella junoniae*, by GC and GC-MS, 12E108

detmn. of organic compounds in clove bud and leaf, by GC and GC-MS, in study of insecticidal properties, 12G224 detmn. of VOC in Scrophularia ningpoensis root, by GC and GC-MS, 12G214

identn. of odorous substances in Citrus inflata peel, by GC, GC-MS and GC-olfactometry, 12E100

identn. of organic compound in weeping bottlebrush leaf, by GC and GC-MS, 12H213

identn. of organic compounds in basil, Laurus nobilis, myrtle and Thymus capitatus, by GC-MS, in study of antimicrobial activity, 12G211

identn. of organic compounds in *Lippia grandis*, by GC and GC-MS, 12G215

identn. of organic compounds in *Medicago marina*, by GC and GC-MS, 12G220

identn. of organic compounds in *Aloysia polystachya*, by GC and GC-MS, effects of rust disease on, 12G218

identn. of organic compounds in Artemisia vulgaris, by GC-MS, 12G217

identn. of organic compounds in Conyza canadensis, by GC-MS and NMR, 12G210

identn. of organic compounds in essential oils of bayberry species, by GC-MS, 12E98

identn. of organic compounds in Lantana camara fruit and stem, by GC-MS, 12H215

identn. of organic compounds in prickly juniper, by GC-MS, SFE in, 12G213

identn. of VOC in bergamot, by GC-MS, SFE in, 12E99

identn. of VOC in Pelargonium graveolens, by 2D GC-MS, 12E90

identn. of VOC in Juniperus communis, by GC-MS, 12G216

identn. of VOC in Callitris intratropica leaf, by GC and GC-MS, 12E97 identn. of VOC in Lantana camara leaf, by GC and GC-MS, 12G212 identn. of VOC in Antidesma laciniatum leaf, by GC and GC-MS,

identn. of VOC in Altingia excelsa leaf, by GC-MS, 12G219 identn. of VOC in Curcuma caesia rhizome, by GC-MS, 12G221

ethanol, detection of, sensors for, 12D124 detmn, of, biosensors for, 12D118

ether, diphenyl, derivatives, bromo-, detmn. of, in air, by GC-MS, 12H51

detmn. of, in sediments, by GC-MS, 12H172 ethers, detmn. of crown and linear, in nuclear waste, by spectrophotom-

etry, extraction in, 12H156
ethers, glycidyl, detmn. of, and derivatives, in foods, by HPLC-MS, in study of migration of food contact materials, 12H247

ethinyloestradiol, detmn. of, in serum, by LC-tandem MS, 12G180 ethylene, tetrachloro-, detmn. of, in exhaled breath, by GC-MS, SPME

in, 12F98

ethylene, trichloro-, detmn. of, in geological materials and soil, by GC, ultrasound extraction in, 12E54

etoricoxib, detmn. of, and its impurities, by HPLC, 12G232 europium, detmn. of, by XRF, preconcentration in, 12D60

sepn. of, in nuclear waste, by SPE, adsorbents for, 12H152

evening primrose oil, detmn. of di- and triglycerides in, by

evening primrose oil, detmn. of di- and triglycerides in, by HPLC-APCIMS, 12E106 exametazime, detmn. of purity of technetium-labelled, by HPLC, 12G235

exhaust gases, sepn. of PAH in, by 2D HPLC, 12H13

exhaust gases, car-, detmn. of carbon dioxide, carbon monoxide and nitrogen oxides in, by chemiluminescence and GC, 12H144

explosives, detection of odorous substances in, by SPME-GC, 12G22 detmn. of, by ion-trap MS, instrumentation for, 12E93 identn. of, by ion-mobility spectrometry, mathematical models

identn. of, by ion-mobility spectrometry, mathematical models for, 12A22 extraction, accelerated solvent and SPE, of alkylphenols and ethoxylates,

from eggs and fish, 12H298

alkaline, of hydroxycinnamic acid glucosides and secoisolariciresinol diglucoside, from linseed, in detmn. by HPLC, 12H232 chromatomembrane, of aliphatic hydrocarbons, from water, in detmn.

by GC, 12H136 cloud-point, of metals, from blood, for detmn. by ETAAS, 12F88

flow biosorption of palladium and platinum on yeast or silicaimmobilized algae, from water, in detmn. by AAS, 12H130

liquid-liquid, of diltiazem, from plasma, for demm. by HPLC, 12G150 liquid-liquid, of thorium, from monazite, reagents for, N-phenylbenzo-18-crown-6-hydroxamic acid as, for detmn. by ICP AES, 12E66

methods for, comparison of stir-bar sorptive extraction and SPME, in detmn. of organochlorine compounds and PAH in water, by GC-MS and HPLC, 12A44

of abscisic acid and metabolites, from rape, in detmn. by LC-electrospray MS, 12H228

of aflatoxins, from peanut, for detmn. by ELISA and LC-MS, matrix solid-phase dispersion, 12H350

of alkylphenols, bisphenol A and chlorophenols, from sediments, in detmn. by GC-MS, 12H184

of ascorbic acid, from pear, for detmn. by HPLC, 12H338

of butylstannane derivatives, from sediments, in detmn. by ICP MS, 12H178

of capsaicins, gingerols and piperine derivatives, from chilli, ginger and pepper (*Piper nigrum*), solvents for, 12H375 of chromium(VI), from soil, reagents for, carbon dioxide as, for detmn.

by ET AAS, 12H166

of dioxin derivatives, from faeces, for detmn. by GC-MS, 12F103

of drugs, from urine, for detmn. by GC-MS, stir bar sorptive, 12G34 of ethers, from nuclear waste, for detmn. by spectrophotometry, 12H156

of fats, from milk, Babcock and ether methods for, temperature modification in, 12H319

of isocyanuric acid, from biological and environmental materials, for detmn. by GC, detectors for, 12H6

of matrix metalloproteinases, from biological fluids and tissues, affinity ligands for, enzyme inhibitors as, 12F257

of menthol enantiomers, from peppermint, for detmn. by GC, comparison of methods for, 12H227

of organic compounds, from environmental materials, review, 12H17 of organic matter, from waste solids, for detmn. by diffuse reflectance FTIR spectrometry and NMR, extraction in, 12H147

of organophosphorus pesticides, from air, adsorbent filled tube and solvents for, 12H43

of paclitaxel, from plasma, for detmn. by LC-tandem MS, 12G118

of pesticides, from post-harvest French bean plants, for detmn. by lowpressure GC-tandem MS, 12H226

of phenoxy-acid herbicides, from sediments and soil, extractants for, sodium EDTA as, 12H170

of phosphoric acid alkyl esters, from plasma, for detmn. by GC-MS, micro, 12F65

of phycobiliproteins, from cyanobacteria, cell disruption in, nitrogen cavitation for, 12F176

of potassium oxide, from fertilizers, 12H199

of proteins, from olive leaf, protocol for, 12H212

of rare-earth metals, reagents for, ionic liquids as, 12D58

of thorium and uranium, resins for, chemically modified chloromethylated, 12D56

of volatile compounds, from water, for detmn. by GC, review, 12A47 of zearalenone, from maize, for detim. by LC-electrospray MS, alternative and conventional techniques for, 12H206

online, continuous-flow liquid membrane, of bisphenol A, for detmn. by HPLC, 12E117

sequential, for speciation of selenium, in sediments, by GPC-ICP MS, ion-exchange chromatography-ICP MS and ion-pair LC-ICP MS,

sequential, of heavy metals, from car park dust, for detmn. by flame AAS, 12H48

sequential, of metals, from dry and wet sediments, 12H158

solvent, of brominated fire-retardant materials, from polymers, for detmn. by GC-MS and HPLC, 12E85

static pressurized liquid, of polycyclic aromatic nitro-compounds, from soil, for detmn. by GC-tandem MS, 12H167

ultra-sound assisted, of isoflavone derivatives, from soya bean, 12H231 extraction, accelerated solvent, of tributylstannane, from sediments, for detmn. by GC-ICP MS or HPLC-ICP MS, 12H162

extraction, membrane, applications and trends of, overview, 12A45 liquid emulsion, of uranium, from wet process phosphoric acid, reagents for, organophosphorus compounds with Span 80, 12E46

microporous, of alkylethoxy- and alkylphenols from waste water and water, 12H124

microporous, of organophosphate esters from plasma, in detmn. by GC, 12F107

microporous, of PAH, factors affecting, 12H28

extraction, micro-, liquid-phase, of antidepressants, from human milk, for detmn. by capillary electrophoresis, 12G86

of iron ion, for detmn. by spectrophotometry, extractant for, acidic perfluorooctanoic acid/acetone as, 12A41

extraction, micro-, solid-phase, coupled with AAS and ICP MS, in speciation of volatile organoselenium compounds, in garlic, 12H376 coupled with GC, in detmn. of amitraz, in canine plasma, detection in, 12G260

coupled with GC, in detmn. of PCB, in milk, chemometrics for, 12H321 headspace, of VOC in *Schisandra chinensis* traditional Chinese medicines, adsorbents for, 12G205

in sampling of VOC, in air, calibration of, 12H39

microwave assisted, of organochlorine pesticides, from water, in detmn. by GC-ECD, 12H111

of antifouling compounds, from marine sediments, for detmn. by GC-

of barbiturates, plasticized PVC membranes for, 12G129 of chlorophenols, from soil, in detmn. by GC-ECD, 12H183 of drugs, from biological materials, review, 12G28

of higher n-alkanes from water, fibres for, cellulose acetate and PVCbased, 12A43

of iodine derivatives of phenols, from water, adsorbents for, 12H101 of low mol-wt. hydrolysis products of polycaprolactone-poycarbonate copolymer, from water, 12E105

of mercury, from biological materials, for speciation, by GC-ICP AES, 12F92

of methylmercury, from fish, for detmn. by GC-MS, isotope dilution in, 12H299

of organic compounds, from ant pheromones, for detmn. by GC-MS,

of organic compounds, from pharmaceuticals, in detmn. by GC, 12G13 of organoselenium compounds, from coffee, for identn. by GC-ICP MS, 12H365

of PAH, from water, in detmn. by GC-MS, 12H112

of phenylurea herbicides, from water, for detmn. by HPLC, 12H110 of tetrachloroethylene, from exhaled breath, for detmn. by GC-MS, 12F98

of VOC, from air, for detmn. by ion-trap MS, 12H40

of VOC, from honey, adsorbents for, 12H278

of VOC, from soya bean, for identn. by GC-MS, 12H219

of volatile compounds, from goat's cheese, for detmn. by GC-MS, fibres for, 12H322

of VX, fibres for, polydimethylsiloxane as, in detection by GC-MS, 12F115

extraction, microwave, of nicotine, from cigars, for detmn. by GC, effect of moisture on, 12E107

extraction, pressurized-fluid, of alcohol and alkylamine ethoxylates, from soil, 12H161

of nitro-PAH, from soil, dynamic, static and static-dynamic, 12H181 of PAH from sediments, 12H160

extraction, solid-phase, flow-injection, coupled with flame AAS, in detmn. of trace gold and palladium, in geological and metallurgical materials, 12E58

of americium, europium and plutonium, from nuclear waste, adsorbents for, organophosphorus-impregnated silica gel as, 12H152

of 7-aminoclonazepam, from urine, for detmn. by GC-MS, 12G92 of antibiotics, from water, for detmn. by HPLC-electrospray MS, 12H106

of antidepressants, from blood, for detmn. by GC, 12G89

of aroma compounds and precursors, from wine, for detmn. by GC and GC-MS, in study of bacterial malolactic fermentation, 12H364

of brostallicin, from plasma, for detmn. by LC-tandem MS, 12G119 of buprenorphine and norbuprenorphine, from plasma, for detmn. by LC-tandem MS, 12G63

of catecholamine, from plasma, in detmn. by LC, ion-exchange in, 12F159

of cholecalciferol hydroxymetabolites, from serum, for detmn. by HPLC, 12G176 of cholesterol derivatives from milk-based infant formulae and milk

powder, 12H324 of copper and lead, sorbents for, zirconium(IV) phosphate-modified

silica gel as, for detmn. by AAS, 12D28

of diclofenac, from water, for detmn. by GC-MS, 12H108

of diltiazem, from plasma, for detmn. by HPLC, 12G150

of elements, from aluminium, for detmn. by ICP MS, solid-phase sorbent for, benzenesulfonic acid as, 12E18

of endocrine disruptors, from water, for detmn. by LC-sonic spray MS, 12H127

of fatty acids, from meat, for detmn. by GC, 12H279

of flunixin and 5-hydroxyflunixin, from milk, for detmn. by LC-tandem MS, 12H311

of fungicides, from rain wash-off and soil, for detmn. by HPLC, 12H92 of furaneol, maltol and sotolon, from wine, in detmn. by GC-ion-trap MS, 12H366

of lignans, from plasma, for detmn. by HPLC-tandem MS, 12F54

of MDPPP, from urine, for detmn. by GC-MS, 12G187

of mercury, from water, for detmn. by cold vapour ICP MS, 12H94

of metal ions, sorbents for, 8-hydroxyquinoline-modified silica gel as, for detmn. by AAS, 12D29

of methionine- and methionine sulfoxide-containing peptides, for detection by MALDI MS, 12F291

of methoxyurea herbicides, from potato, for detmn, by GC, 12H349 of MPPP, from urine, for detmn. by GC-MS, 12G186

of 4-nonylphenol, from water, for detmn. by LC-MS, 12H82 of oleanolic and ursolic acids, from medicinal plants, for detmn. by GC, 12G206

of organic compounds, adsorbents for, activated carbon as, in analysis of adsorption, by membrane introduction MS, 12A39

of oxidized cholesterol derivatives, from tallow after processing,

of PAH, from atmospheric aerosols, for detmn. by GC-MS, 12H57

of pesticides, from wine, for detmn. by HPLC, 12H356

of phenols, from wine, for detmn. by LC, 12H355

of piroxicam, from serum, for detmn. by fluorimetry, 12G67 of polar compounds, from aqueous solutions, silica materials for, 12D111

of pyren-1-ol, from urine, for detmn. by fluorescence, 12F64

of rare-earth metals from geological materials, adsorbents for, nanometre-sized titanium dioxide, 12E65

of trace elements, from sea water, adsorbents for, iminodiacetic acid chelating resin, 12H81

of trace elements, from water, adsorbents for, muromac A-1 iminodiacetate chelating resin as, for detmn. by ICP AES, 12H131

of trace metal ions, chelating resins for, silica-based, review, 12D19 of tungsten(VI), from sediments and water, adsorbents for, titanium dioxide nanoparticles as, for detmn. by spectrophotometry, 12H132 of zinc, from soil, in detmn. by AAS, 12H169

online, of metals, from water, sorbents for, algae-modified silica gel as, for detmn. by flow-injection ICP AES, 12H133

sequential, of polar pollutants, from waste water and water, for detection by LC-electrospray MS, 12H114

extraction, Soxhlet, of nicotine, from eigars, for detmn. by GC, effect of moisture on, 12E107

of PAH and petroleum hydrocarbons, from waste solids, for detmn. by GC and GC-MS, 12H150

extraction, supercritical-fluid, coupled with LC, in detmn. of PAH, in sand and soil, 12H165

of bergamot essential oils, for detmn. by GC-MS, 12E99

of brominated fire-retardant materials, from polymers, solvents for, supercritical carbon dioxide and modified supercritical carbon dioxide as, for detmn. by GC-MS and HPLC, 12E85 of essential oils, from prickly juniper, for identn. of organic compounds

by GC-MS, 12G213

of nitro-PAH and oxo-PAH, from urban aerosols, 12H46 of quercetin and rutin, from *Hypericum*, 12G231

extraction, ultrasound, of organohalogen compounds, from soil, for detmn. by GC, 12E54

eye lens, identn. of acetylation and phosphorylation sites of αA crystallins in, by 2D PAGE and LC-electrospray MS, 12F166

F

faeces, detmn. of carotenoids, retinol and retinyl palmitate in, by HPLC and HPLC-APCI MS, in study of bioavailability of β-carotene, 12F391

detmn. of dioxin derivatives in, by GC-MS, extraction in, 12F103 detmn. of human DNA in, by PCR and spectrophotometry, in screening for colorectal cancer, 12F359

fats and fatty oils, detmn. of fatty acids in, by titrimetry, 12H327 detmn. of, in goat's milk, by NIR reflectance spectrometry, 12H318 detmn. of, in milk, extraction in, 12H319

fatty acid glyceryl esters, characterization of complex mixtures of, by LC, solvent and temperature gradients in, 12F132

fatty acid methyl esters, characterization of conjugated, by acetonitrile CI tandem MS, 12F137

fatty acids, detmn. of bile acid conjugates of, in plasma, by LC-electrospray MS, 12F397

detmn. of, in BSA and lipids, by bioassay, HPLC and spectrophotometry, 12F245

detmn. of, in meat, by GC, SPE in, validation in, 12H279 detmn. of, in plant essential oils, by HPLC-APCIMS, 12E106

detmn. of polyunsaturated and saturated, in eggs, by GC, 12H288 detmn. of total, in fats and oils, by titrimetry, 12H327

identn. of methyl esters of unsaturated, by LC-NMR, instrumentation for, 12D95

sepn. of saturated, by TLC, 12F144

feeding stuffs, detection of bovine DNA in, by multiplex PCR, 12H242 detmn. of selenium in, by AAS, validation in, 12H239 detmn. of selenium in, by fluorimetry, 12H240

detmn. of sulphathiazole in Type C medicated swine, by LC, 12H241 enumeration of probiotic pediococci micro-organisms in interlaboratory study, 12H243

fenhexamid, detmn. of, in yeast, by HPLC, 12H223

measurement of adsorption of, on chitin and glucan, by HPLC, 12H223 fenitrothion, detmn. of, and metabolites, in tomato, by HPLC, LC-electrospray MS, NMR, scintillation counting and TLC, 12H343

fenpiverinium bromide, detmn. of, in pharmaceuticals, by spectrophotometry, 12G91

ferbam, detmn. of, by flow-injection spectrophotometry, 12H203

fermentation liquors, detmn. of PEGylated, unPEGylated and sulfitolyzed Staphylokinase variant SY161 in, by reverse-phase chromatography, 12E95

ferrocene, [(trimethylammonio)methyl]-, measurement of kinetic parameters of, by voltammetry, electrodes for, 12D12

fertilizers, detmn. of manganese in, by spectrophotometry, reagents for, 12G170

extraction of potassium oxide from, 12H199

fibres, forensic analysis of, evidential value of, review, 12E1

fibronectins, sepn. of, from plasma, by affinity chromatography, membranes for, 12F278

field-effect transistors, ion-selective, electrolyte-insulator-semiconductor system-based, analytical characteristics and sensing mechanisms of, review, 12A55

for potassium, potentiometric, 12D38

field-effect transistors, metal-oxide-semiconductor, for glucose, potentiometric, 12F125

field-flow fractionation, asymmetrical, in measurement of mol. mass of amylopectin, in potato, development of, 12H348 in measurement of mol. wt. of glutenins, in wheat, mass overloading

in, 12H230
films, polymer, molecularly imprinted, poly(aniline boronic acid), 12E89
surface analysis of diazonium-modified, by AFM, 12E10

films, thin, analysis of boron/phosphorus-doped silicate glass, by NAA, 12E34

analysis of, by glow-discharge AES, review, 12E4

surface analysis of, by thermal-lens spectrometry, 12E15

fire debris, analysis of, by GC-MS, advances in, review, 12F2

fire-retardant materials, detmn. of bromine in, by glow-discharge MS, 12E82

detmn. of, in sediments, by GC-MS, 12H172

fire-retardant materials, brominated, detmn. of, in polymers, by GC-MS and HPLC, extraction in, 12E85 detmn. of, in polymers, by GC-MS and HPLC, SFE in, 12E85

fish, detmn. of alkylphenols and ethoxylates in, by LC-electrospray MS, extraction in, 12H298

detmn. of antibiotics in, by LC-electrospray MS, 12H281

detmn. of arsenic compounds in, by ion chromatography-ICP MS, 12H261

detmn. of chloramphenicol in, by LC-AP photoionization MS, 12H300 detmn. of elements in, by laser ablation ICP MS, 12H289

detmn. of macrocyclic lactone mycotoxins in, by LC-tandem MS, sample prep. in, 12H295

detmn. of metalloproteins in, by GPC and ICP TOF MS, 12F78 detmn. of methylmercury in, by GC-MS, isotope dilution in, SPME in, 12H299

detmn. of methylmercury in, by isotope dilution SPME-GC-ICP MS, 12H290

detmn. of octachlorostyrene in, by GC-MS, 12H26 speciation of arsenic in, by HPLC-ICP MS, 12H291

fission products, detmn. of selenium-79 in solutions of, by ICP MS, 12E43

flavanone 7-O-glycosides, sepn. of diastereoisomers of, in citrus fruit, by capillary electrophoresis, 12H330

flavanones, sepn. of chiral, by MEKC, chiral selectors for, 12A6

flavonoid glycosides, sepn. of, in citrus-fruit juices, by capillary electrophoresis, reagents for, 12B64

flavonoids, detmn. of, in Canada goldenrod herbal teas and tinctures, by HPLC and spectrophotometry, 12G233

detmn. of, in plasma, by bioassay, study of dietary exposure, 12F157 detmn. of, in prickly pear juice, by HPLC and HPLC-APCI MS, 12H340 detmn. of, in *Panax notoginseng* root, by HPLC and spectrophotometry, 12G223

flavonol glycosides, identn. of, in rose petals, by HPLC, 12H221

flavour compounds, analysis of, current awareness in, 12E101

detmn. of release of volatile, from simulated foods, by GC and GC-MS, effects of amylopectin and starch on, 12H265

detmn. of volatile, in raw and roast hazel nut, by GC-MS, 12H345 study of release of volatile, from sucrose solutions, by GC, mathematical models for, 12H267

flax, detmn. of lipids in fibres of, by GC-MS, 12H220

Flos carthami, detmn. of adenosine, quercetin and rutin in, by capillary electrophoresis, 12G242

flour, speciation of selenium in, by ICP MS, 12H276

flow analysis, for detmn. of trace heavy metal ions, biosensors for, 12A57 heaters for, self-regulating, flow-through, 12A50

flow-injection analysis, detectors for, atmospheric electrolyte cathode glow-discharge cell as, in detection of metals, 12D23

in assay of subtilisins, instrumentation for, stationary phases for, 12E91 of ascorbic acid in apple juice, pharmaceuticals and urine. ISE for, 12A69

potentiometric, detectors for, cobalt-wire ISE as, in detmn. of phosphate, in hydroponic solutions, 12D80

reagents for, 1-amino-8-hydroxy-7-(o-hydroxy-p-methylphenylazo)-3, 6-naphthalenedisulfonic acid as, in detmn. of iron(III), in water, 12H78

fludioxonil, detmn. of, in grape and lettuce, by GC, 12H337

fluidic systems, micro-, detectors for, fibre optic coupler as, in detmn. of sucrose, by spectrometry, 12F124

electrical signal amplification, multilayer gold-nanoparticle probes assembly and silver enhancement for, in detection of DNA hybridization, 12F355

for capillary electrophoresis, 12B51

for capillary electrophoresis, in measurement of velocity of flowing particles, integrated waveguide beam splitter in, 12A99

for dielectrophoresis, insulating post arrays in, 12B53

for electrophoresis, in detmn. of amino-acids, carbohydrates and sulfurcontaining antibiotics, detection in, 12B55

for electrophoresis-based immunoassay, in detection of insulin secretion, from live biological cells, 12F149

for epitope-targeted proteomics, 12F164

for PCR, matrix-based, macroscopic interfaces in, 12A51

for screening of protein-ligand binding, by nanoflow electrospray MS, 12F206

for sepn. of DNA restriction enzyme digests, 12F333

in sepn. of DNA fragments, 12F370

in sepn. of enantiomers, by electrophoresis, review, 12D99

injection devices for, nano-, 12B1

isotachophoresis-based, in detmn. of ascorbate, in photographic materials, 12E94

low-dispersion electrokinetic flows in, channels for, faceted design of, chemometrics for, 12B54

measurement of flow-rate in, atomic emission detectors for, 12A52 multi-height structure, fabrication of, by photolithography, 12E16 nanocapillary arrays for, in concentration of peptides, 12F213

flumioxazin, detmn. of, in soil, by GC-MS, 12H175

flunixin, detmn. of, in milk, by LC-tandem MS, SPE in, 12H311

flunixin, 5-hydroxy-, detmn. of, in milk, by LC-tandem MS, SPE in, 12H311

fluorene, 2-hydroxy-, detmn. of, in urine, by HPLC, detectors for, 12F77 fluorescence, in detection of anions, ionophores for, 12D16

in detection of specific sequences of nucleic acids, duplex oligonucleotide probes for, 12F346

ligands for, fluorescein-labelled oestradiol as, in detmn. of interactions of endocrine disruptors, with oestrogen receptor-β, 12F150

molecular beacons for, dual fluorescence/luminescence resonance energy-transfer, in detection of nucleic acids, in biological cells, 12F332

reagents for, heparin- and hyaluronic acid-immobilized polystyrene beads as, in assay of heparin lyase and hyaluronoglucosaminidase, in biological cells, 12F302

fluorescence microscopy, Hadamard transform, in study of DNA interactions with antineoplastics and Schiff bases, in hepatocytes, 12G113

in analysis of lipid-mercury interfaces, 12E14

fluoride, detmn. of trace elements in powders of, by ICP MS, isotope dilution in, 12E48

dilution in, 12E48
fluorimetry, correlation, in study of diffusion of fluorophores in 1-butyl-3-methylimidazolium hexafluorophosphate, 12C57

enzyme-coupled, in detmn. of phosphate, 12D10

fluorescent probes for, fluorescence resonance energy transfer-based, synthesis of, in assay of calpain, 12F301

in detmn. of celecoxib in pharmaceuticals, 12G37

reagents for, O-aminobenzoyl-S-nitrosohomocysteine, in detmn. of thiols on biological cell surfaces, 12F383

reagents for, in study of binding of albumins, N-n-hexyl-N'-(sodium paminobenzenesulfonate) thiourea as, 12F209

time-domain, resolution of excitation-emission spectra in, mathematical models for, effect of scattering in, 12C52

total internal reflection, in detmn. of berberine, in pharmaceuticals, 12G196

fluorine, detmn. of, in coral, by NAA, 12E63

fluorine compounds, detmn. of, in polymers, by MS and NMR, 12E88 fluoroquinolones, detmn. of, in plasma, by micro-HPLC, 12G77

fluoroquinolones, detmn. of, in plasma, by micro-HPLC, 12G77 fog, detmn. of mercury and trace elements in, samplers for, 12H118

folic acid, detmn. of, in pharmaceuticals, by HPLC and spectrophotometry, 12G175

food colourings, sepn. of, by TLC, effect of ammonium sulfate on, 12H268

foods, analysis of, bibliography, 12H250

analysis of, by capillary electrophoresis, chiral selectors for, review, 12H248

detection of Salmonella in, by ELISA, enrichment broths for, 12H251

detmn. of arsenic compounds in, by ion chromatography-ICP MS, 12H261

detmn. of betaine and analogues in, by HPLC, reagents for, 12H249 detmn. of bisphenol A in simulants of, by HPLC, HPLC-MS and IR spectrometry, in study of migration from PVC, 12H246

detmn. of cadmium and copper in digests of, by ICP MS, in certification of analyte content, 12H255

detmn. of chloramphenicol in, by HPLC, effect of storage conditions on, 12H264

detmn. of elements and proteins in, by NAA, 12H253

detmn. of glycidyl ethers and derivatives in simulants of, by HPLC-MS, in study of migration of food contact materials, 12H247

detmn. of lead in, by ICP AES, effect of acid oxidants on, 12H245 detmn, of pantothenic acid in, by I.C. electrospray MS, 12H258

detmn. of pantothenic acid in, by LC electrospray MS, 12H258 detmn. of phenylalanine and tyrosine in, by LC-MS, 12H260

detmn. of plutonium in, by ICP MS, ultra-sonic nebuliser for, 12H263 detmn. of release of volatile flavour compounds from simulated, by GC and GC-MS, effects of amylopectin and starch on, 12H265

detmn. of selenium in, by AAS, sample prep. in, 12H259
enumeration of Enterobacteriaceae micro-organisms in, by
microbiological analysis, 3M Petrifilm Count Plate method for,
12H259

measurement of calcium/phosphorus ratio in, by ICP MS, 12H256

forensic analysis, by PCR, review, 12F325

of fibres, evidential value of, review, 12E1

of firearm-related events, developments in, review, 12E2

of 18-locus Y-short tandem repeat chromosomes, in biological materials, by PCR, 12F326

fosetyl-aluminium, detmn. of, in lettuce, by LC-electrospray tandem MS, 12H347

fractionation, magnetic split-flow thin, in sepn. of particles, mathematical models for, 12A35

fruit juices, detmn. of flavonoids and total phenolics in prickly pear, by HPLC, HPLC-APCI MS and spectrophotometry, 12H340

fucoidan, characterization of, by capillary electrophoresis, 12F133

fuels, detmn. of metal additives in, by ICP MS, 12E69

fungi, detection of total, in water, impedance method for, 12H102

fungicides, detmn. of, in rain wash-off and soil, by HPLC, SPE in, 12H92 furaneol, detmn. of, in shoyu yeast, by HPLC, effect of medium on, 12F23 detmn. of, in wine, by GC-ion-trap MS, SPE in, 12H366

furazolidone, detmn. of, sensors for, 12G123

furocoumarins, dihydro-, sepn. of enantiomers of, by capillary electrophoresis, separation modes for, 12G209 sepn. of enantiomers of, by LC, stationary phases for, 12B40

G

gabapentin, detmn. of, in plasma, by HPLC, reagents for, 12G93 galactose, detmn. of, biosensors for, 12F122

galacturonic acid, sepn. of oligomers of, by GPC, detection in, 12F129 gallic acid, detmn. of, in Chinese traditional medicines, by MEKC, 12G204

gallstones, detmn. of elements in, by XRF, 12F105

garsic, speciation of volatile organoselenium compounds in, by SPME-AAS and SPME-ICP MS, 12H376

garnet, detmn. of rare-earth metals and yttrium in, by ICP AES, 12E52 gases, analysis of, by spectrometry, advances in, overview, 12D7

analytical standards for mixtures of, preparation of, thermal decomposition for, review, 12D4

analytical standards for, preparation of, support materials for, 12D5 detmn. of, sensors for, 12A85

measurement of trace, sensors for, 12A58

gasoline, detmn. of aromatic compounds in, by ion-trap MS, SPME in, 12H40

sepn. of PAH in, by 2D HPLC, 12H13

gemopatrilat, detmn. of, in plasma, by HPLC-tandem APCIMS, 12G247 gene, expression profiling analysis of glycosyltransferase, by PCR, 12F362

study of K-ras, in biological tissues, instrumentation for, 12F30

gene expression, of L-lactate dehydrogenase, in cancerous biological cells, by capillary electrophoresis and PCR, 12F371

geological materials, detmn. of elements in, by ICP MS, chemometrics for, 12E67

detmn. of metals in, by AES, sample prep. in, 12E68

detmn. of organohalogen compounds in, by GC, ultrasound extraction in, 12E54

detmn. of platinum-group metals and rhenium in, by ICP MS, sample prep. in, 12H23 detmn. of platinum-group metals and rhenium in, by isotope dilution-

ICP MS, correction factors in, 12E49

detmn. of rare-earth metals in, by ICP AES, SPE in, 12E65

detring of trace gold and palladium in by flow-injection SPE-flam

detmn. of trace gold and palladium in, by flow-injection SPE-flame AAS, 12E58

measurement of iron isotope ratios in, by ICP MS, 12E55

ginger, identn. of capsaicins, gingerols and piperine derivatives in, by NMR, extraction in, 12H375

gingerols, identn. of, in chilli, ginger and pepper (Piper nigrum), by NMR, extraction in, 12H375

ginseng, detmn. of organic compounds in, by GC, 12H236

ginsenoside Rg₃, detmn. of, and its metabolites, in plasma, by LC-electrospray MS, 12G249

ginsenosides, detmn. of, in North American ginseng, by HPLC, 12G222 detmn. of, in *Panax notoginseng* root, by HPLC and spectrophotometry, 12G223

glass, detmn. of elements in, by ICP MS and laser ablation ICP MS, 12E8 detmn. of elements in, by ICP MS, calibration in, 12E28 detmn. of elements in coloured, by XRF, 12E41

globulins, γ-, detmn. of, in serum, by LC-MS, sample prep. in, 12F258 gloria de la manana, detmn. of alkaloids in, by GC-MS and ion-exchange chromatography, 12H222

glucan, measurement of fenhexamid adsorption on, by HPLC, 12H223

glucose, detmn. of, by amperometry, biosensors for, 12A97

detmn. of, by NIR spectrometry, calibration of, 12F121 detmn. of, in serum, sensors for, 12F123

detmn. of, MOSFET for, 12F125

glucose 6-phosphate, detmn. of, biosensors for, 12F117

glutamate, study of fluxes of, in mouse brain, imaging in, enzyme membrane for, 12F190

glutathione, detmn. of, in biological cells, by enzymic analysis, 12F182 detmn. of, in biological cells, by HPLC, detectors for, 12F224 detmn. of, in brain, by spectrophotometry, effect of aster on, 12F45

detmn. of, in hepatocytes, by CZE, electrodes for, 12F193

detmn. of, in plasma, by isotachophoresis, optimization of stacking in, 12F279

study of complexation, with zinc ion of, by differential pulse polarography, 12F235

glutathione disulfide, study of reaction with glutelin thiol groups, in wheat dough, by GPC, HPLC and scintillation counting, in study of effects of ascorbic acid, 12H274

glutelins, study of reaction of glutathione disulfide with thiol groups of, by GPC, HPLC and scintillation counting, in study of effects of ascorbic acid, 12H274

glutenins, measurement of mol. wt. of, in wheat, by FFF, mass overloading in, 12H230

study of interactions of, with maltodextrin, by CZE and HPLC, 12H277 glycerides, di-, detmn. of, in plant essential oils, by HPLC-APCIMS, 12F106

12E106
glycerides, tri-, detmn. of, in plant essential oils, by HPLC-APCIMS,

12E106 detmn. of oxidized, in vegetable oils, by GPC and LC, effect of refining

process on, 12H309 detmn. of selenium(IV) in selenium-containing, by spectrophotometry, 12F142

glycerol, 1,2-isopropylidene-, detmn. of stereoisomers of, by GC, stationary phases for, 12D123

glycidamide, detmn. of, in blood, by GC-tandem MS, derivatization for, 12F112

glycine, detection of, and Cy5-derivatized, sensors for, 12F218

glycoprotein D, study on binding process of herpes virus receptor with, biosensors for, 12A72

glycoproteins, α₁-acid, analysis of binding of genetic variants of, to disopyramide enantiomers, by capillary electrophoresis, effect of pH on, 12F221

glycosides, identn. of flavonol and xanthone, in mango peel, by HPLCelectrospray MS, 12H342

gold, detmn. of, in copper sulfide concentrates, by NAA, 12E64 detmn. of, in minerals, ores and rocks, by XRF, carriers in, 12E61

detmn. of, in water, by ET AAS, sample prep. in, 12H129 detmn. of trace, in geological and metallurgical materials, by flow-

injection SPE-flame AAS, 12E58 synthesis of nanoparticles of, 12D39

grape, detmn. of anthocyanins in skins of, by MEKC, 12H329 detmn. of cyprodinil and fludioxonil in, by GC, 12H337 detmn. of polyphenols in, by LC-MS, 12H352

grape juice, detmn. of elements in, by AAS and ICP MS, 12H21 graphite, detmn. of metals in, by AES, sample prep. in, 12E68 grass, detmn. of PAH in, by GC-MS, 12H176

green tea, detmn. of catechins and caffeine in matcha, by MEKC, 12H367 detmn. of polyphenols in, biosensors for, 12H368

guanosine, 2'-deoxy-8-hydroxy-, detmn. of, in urine, by LC-APCI tandem MS, 12F57

gunpowder, analysis of, developments in, review, 12E2

gunshot, analysis of residues of, developments in, review, 12E2

H

haemoglobin, detection of thalassaemia, in blood, by flow-injection spectrophotometry, 12F320

identm. of, in blood, by FTIR spectrometry, chemometrics for, in diagnosis of β -thalassaemia, 12F318

study of interaction of, with cisplatin, by HPLC-ICP MS and nanoelectrospray MS, 12G103

Haemophilus influenzae, characterization of lipopolysaccharides from, by electrospray tandem MS and PAGE, 12F120

identn. of, by bioassay and MALDI TOF MS, databases for, 12F9

hair, detmn. of cotinine and nicotine in, by GC-MS, 12F80 detmn. of drugs in, by LC-MS, SPME in, review, 12G28

detmin. of drugs of abuse in, by GC-MS and LC-MS, reference materials for, 12G21

detmn. of drugs of abuse, pesticides and poisons in, by LC-MS, review, 12G30

detmn. of trace elements in, by NAA, 12E122

hair bleaching products, detmn. of persulfate in, by flow-injection chronoamperometry, electrodes for, 12E116

hazel nut, detmn. of boron in, by ICP AES and spectrophotometry, 12H333

detmn. of volatile flavour compounds in raw and roast, by GC-MS, 12H345

hazel nut oil, detmn. of di- and triglycerides in, by HPLC-APCIMS, 12E106

hedgehog, detmn. of octachlorostyrene in, by GC-MS, 12H26

heparan sulphate, detmn. of interaction of, with basic fibroblast growth factor, by CZE, 12F131

heparanase, assay of, in biological materials, by immunoassay, 12F307 heparin, characterization of, by capillary electrophoresis, 12F133

detmn. of interaction of, with basic fibroblast growth factor, by CZE, 12F131

heparin lyase, assay of, in biological cells, by fluorescence, reagents for, 12F302

hepartectors detune of clustrione and trustochen in by CZE, electrodes

hepatocytes, detmn. of glutathione and tryptophan in, by CZE, electrodes for, 12F193

study of DNA interactions of antineoplastics and Schiff bases in, by fluorescence microscopy, 12G113

herbal medicines, detmn. of ephedrine derivatives in, by LC-tandem MS, collaborative study, 12G191

detmn. of quercetin and rutin in, by TLC, standardization in, 12G239 detmn. of saponins in *Panax notoginseng*, by HPLC, detectors for, 12G228

detmn. of saponins in, by LC, 12G229

herbicides, detmn. of, in urine, biosensors for, 12F96 detmn. of methoxyurea, in potato, by GC, SPE in, 12H349

detmn. of residues of, in water, by HPLC, 12H125 herbicides, phenoxy-, detmn. of, in sediments and soil, by flow-injection LC, extraction in, 12H170

herbicides, triazine, detmn. of, in human milk, by GC-MS, 12F101

hexoestrol, detmn. of, in bovine urine, from animals for human consumption, by GC-MS, immunoaffinity chromatography in, 12H292

hippuric acid, detmn. of, in urine, by MEKC, 12F99

hirudin, detection of recombinant variant-2, immunosensors for, 12F210 HIV 1 reverse transcriptase, sepn. of, by CZE, 12F316

homidium, study of interaction of G-quadruplex-conformed oligonucleotides with derivatives of, by surface-enhanced Raman spectrometry, 12F342

homocysteine, detmn. of, in biological fluids, review, 12F295 detmn. of, in serum, by GC-ICP MS, 12F172

honey, detmn. of amino-acids in, by HPLC, chemometrics for, 12H275 detmn. of amino-acids in, by HPLC, chemometrics in, in study of effects of botanical source, 12H271

detmn. of carbohydrates in, by ion-exchange chromatography, chemometrics in, computer programs for, 12H269 detmn. of VOC in, by GC, SPME in, 12H278

hormones, sepn. of synthetic, from impurities, by LC-MS, 12F147

human serum albumin, characterization of recombinant, by MALDI MS, 12F251

detmn. of, by resonance light scattering, 12F174

monitoring of small ligand affinity to, biosensors for, 12F282

humic substances, detmn. of, in peat and soil, by LC, 12H182 speciation of metal complexes in, by stripping chronopotentiometry, 12H173

hyaluronic acid, characterization of N-acylurea inclusion complexes of, by GPC, 12F126 characterization of \(\beta\)-cyclodextrin inclusion complexes of, by GPC, 12F126

detmn. of, in biological materials, by ELISA, 12F115

hyaluronoglucosaminidase, assay of, in biological cells, by fluorescence, reagents for, 12F302

hydrocarbons, detection of sulfur-containing, by GC, detectors for, 12B20

detmn, of, in contaminated marine sediments, by 2D GC, 12H174 detmn. of, in road sediments, by GC-MS, 12H187

detmn. of petroleum, in waste solids, by GC and GC-MS, Soxhlet extraction in, 12H150

hydrocarbons, aliphatic, detmn. of C1-C4, in water, by GC, extraction in,

hydrocarbons, aromatic, speciation of, by GC - glow-discharge TOF MS, influence of discharge parameters on, 12D104

study of air-liquid interface of, by IR spectrometry and Raman spectrometry, 12C56

hydrocarbons, chloro-, detmn. of, by ATR FTIR spectrometry, chemometrics in, diffusion behaviour in, 12C49

speciation of, by GC - glow-discharge TOF MS, influence of discharge parameters on, 12D104

hydrocarbons, fluoro-, detmn. of, in air, by GC, GC-MS and ion chromatography, 12H47

hydrocarbons, halo-, detection of, by GC, detectors for, 12B20

hydrocarbons, perfluoro-, study of optical transparency in, in visible-UV range, by NMR, 12D112

hydrocarbons, polycyclic aromatic, detection of, in environment, sensors for, molecular recognition-based, overview, 12A92

detmn. of, by electrospray silver(1) cationization MS, 12H29

detmn. of, in atmospheric aerosols, by GC-MS, SPE in, 12H57

detmn. of, in environmental materials, review, 12H123

detmn. of, in grass and soil, by GC-MS, 12H176 detmn. of, in mussels, by GC-MS, 12H301

detmn. of, in petroleum, from pyrolysis of sludge, by GC-MS, 12E74 detmn. of, in sand and soil, by SFE-HPLC, 12H165

detmn. of, in sediment, by GC-MS, pressurized-fluid extraction in, 12H160

detmn. of, in smoked cheese, by HPLC, detection in, 12H313 detmn. of, in water, by GC-MS, 12H121

detmn. of, in water, by GC-MS and HPLC, extraction in, 12A44

detmn. of, in water, by GC-MS, SPME in, 12H112

detmn. of petroleum, in waste solids, by GC and GC-MS, Soxhlet extraction in, 12H150

extraction of, by microporous membrane, factors affecting, 12H28

extraction of, from urban aerosols, by SFE, 12H46 identn. of, in contaminated sediments, by bioassay, GC and HPLC, in study of cytochrome P4501A-inducing effects, 12H171

sepn. of, by electrochromatography, stationary phases for, 12B48 sepn. of, by HPLC, stationary phases for, 12H27

sepn. of, in environmental materials, by 2D HPLC, 12H13 hydrocarbons, polycyclic aromatic, oxo-, extraction of, from urban

aerosols, by SFE, 12H46 hydrochlorothiazide, detmn. of, in pharmaceuticals and plasma, by

HPLC, 12G149 detmn. of, in pharmaceuticals, by second-derivative spectrophotometry,

12G138 hydrocortisone, detmn. of, in urine, by HPLC, effect of grapefruit juice

on, 12G159 hydrocortisone acetate, detmn. of, and its degradation products, in pharmaceuticals, by HPLC, 12G157

hydrogen, detection of, sensors for, 12D33

detmn. of, in air, sensors for, 12H53

detmn. of, in nuclear materials, by glow-discharge AES, optical interfaces for, 12E42

detmn. of, sensors for, 12A76, 12A80, 12A85

detmn. of, sensors for, effect of orthorhombic phase on, 12A90

hydrogen peroxide, detection of, in brain extracellular space, microsensors for, 12F40

detmn. of, biosensors for, 12D47

detmn. of, by amperometry and cyclic voltammetry, electrodes for, 12A97

detmn. of, in disinfectants, biosensors for, 12E111

detmn. of, in plants, biosensors for, 12H205

hydrogen sulfide, detmn. of, sensors for, 12A82

hydroponic solutions, detmn. of phosphate in, by flow-injection potentiometry, detectors for, 12D80

hydroxy-compounds, polycyclic aromatic, detmn. of, in fish bile, by GC-MS and HPLC, for environmental monitoring of water, 12H116

hydroxymethylglutaryl-CoA reductase, detmn. of inhibitors of, in biological materials, by chromatography, review, 12F315

hydroxy-radicals, detmn. of, in airborne particulates, by ESR, 12H49 hydroxyzine, detmn, of enantiomers of, by CZE, 12G98

(R)-hyoscyamine, detmn. of, in hyoscyamine, by capillary electrophoresis, 12G182

hyoscyamine, detmn. of (R)-hyoscyamine in, by capillary electrophoresis, 12G182

detmn. of, in atropine, by capillary electrophoresis, 12G182

hyperforin, sepn. of, in Hypericum, by HPLC and HPLC-electrospray MS 12G227

Hypericum, extraction of quercetin and rutin from, by SFE, 12G231 sepn. of hyperforin in, by HPLC and HPLC-electrospray MS, 12G227 hypoglycaemics, sepn. of, by normal- and reversed-phase TLC, 12G145

1

ice, detmn. of photolysis products of 2-chlorophenol and 4-chlorophenol in, by GC, GC-MS or HPLC, 12H89

ilmenite, detmn. of rare-earth metals and yttrium in, by ICP AES, 12E52 image analysis, multispectral, mathematical models for, 12A18

imaging, FROST, detectors for, silicon microstrip array as, for digital mammography, 12C65

hyperspectral, in detmn. of effluent vapours, in waste gases, by IR spectrometry, chemometrics for, 12H139

in analysis of biological cells and tissues, by IR spectrometry and Raman spectrometry, 12F35

in study of particle behaviour, in detmn. of trace elements, in solids, by laser-ablation ICP MS, 12C79

of breast biological cells, by scanning electrochemical microscopy, 12F12

photoelectron, in detmn. of carbon disulfide ion and iodide, 12C13 quantum, detectors for, semiconductor arrays as, overview, 12C63

time-resolved, enzyme membrane for, in study of glutamate fluxes in mouse brain, 12F190

X-ray, detectors for, micropattern gaseous as, 12C64

X-ray, "edge-on" microchannel plate detectors for, 12C15

imatinib mesilate, detmn. of, and its main metabolite, in urine, by CZE,

immunoassay, antibodies for, added C- and N-terminal for overcoming negative interference in, in detmn. of cardiac troponin l in plasma and serum 12F228

antibodies for, characterization policy for, in detmn. of myco- and phycotoxins, 12F97

antibody-tagged liposomes for, in detection of Escherichia coli 0157:H7, 12F71

detection in, fluorescence, in detmn. of cyanoginosins, 12F83

electrophoresis-based, in detection of insulin secretion, from live biological cells, microfluidic systems for, 12F149

methods in, comparison of, in detmn. of B-type natriuretic peptide in plasma, 12F231

microarray, coatings for, antibodies and proteins as, 12F27

miniaturized multiplexed, micromachining microcarrier-based biomolecular encoding for, 12F11

of cadmium, cadmium-EDTA monoclonal antibody for, 12D50

of heparanase, in biological materials, 12F307

point-of-care fluorimetric, reagents for, dry-form europium chelate-labelled antibody and cyanine 5 N-hydroxysuccinimide ester, in detmn. of albumin in urine, 12F229

screening, in identn. of retinoblastoma protein inhibitors, in biological cells, 12F180

two bead, for detmn. of antigens, microfluidic systems for, 12F212

immunoglobulin G, detmn. of aggregates of human, by GPC and light scattering, 12F26

detmn. of interaction of, with gold nanoparticles, by Hyper-Rayleigh light scattering, 12F178

sepn. of, from plasma, adsorbents for, 12F280

immunoglobulin M, detmn. of, by EIA, electrodes for, 12F6

immunosensors, for acetochlor, piezoelectric, 12H198

for recombinant hirudin variant-2, electrochemical, self-assembled monolayer-based, 12F210

for 2,4,6-trinitrotoluene, continuous-flow, recombinant antibodies for, 12E109

multilayer-based, fabrication of, review, 12A61

immunosuppressants, detmn. of, in blood, by LC-MS, review, 12G110 Indian traditional medicines, detmn. of marsupsin and pterostilbene in Pterocarpus marsupium, by HPTLC, 12G207

indole derivatives, 5-hydroxy-, detmn. of, by HPLC, precolumn derivatization in, 12F153

industrial analysis, by spectrometry, 12E5

of steel, by glow-discharge AES, overview, 12E22

infant formulae, detmn. of cholesterol derivatives in, by GC-MS, SPE in,

measurement of calcium/phosphorus ratio in, by ICP MS, 12H256

inorganic compounds, speciation of, by AAS and AES, sample introduction in, 12D21

instrumentation, ABI capillary genetic analyzer as, for study of K-ras gene, in biological tissues, 12F30

Bioanalyzer system as, in characterization of cell phenotype, in blood, 12F29

for capillary electrophoresis, in analysis of mutations, in DNA, evaluation of denaturing conditions in, 12F374

for CCP AES, in detection of metals and organic compounds, fused silica capillary microplasma source as, 12C37

for FIA, in assay of subtilisins, bioreactors as, stationary phases for, fluorophore-labelled protein-immobilized sol-gel particles as, 12E91

for GC, 12B19

for glow-discharge MS, electrostatic quadrupole extraction lens as, 12C80

for ICP MS, in detmn. of elements, in blood and serum, tungstenfilament electrothermal vaporizer as, 12F53

for ion-trap MS, in detmn. of chemical warfare agents and explosives, miniature cylindrical, 12E93

for laser-induced plasma AES, portable, in detmn. of elements, in steel, 12E29

for light scattering, in analysis of glow-discharge analytical plasmas, 12C2

for optimization of SIMS, in MCs_x* mode, cation mass spectrometer as, 12C90

for spectrometry, overview, 12C7

for spectrometry, Pittcon report, 12C6

insulin, detection of secretion of, from live biological cells, by electrophoresis-based immunoassay, microfluidic systems for, 12F149 detmn. of, by sequential-injection capillary electrophoresis, 12F152

sepn. of, by HPLC, effect of pressure on, 12F195

interfaces, analysis of lipid-mercury, by fluorescence microscopy, 12E14 detmn. of tetraphenylporphine at liquid-liquid, by partial reflection spectrometry, 12E7

study of ion transfer across liquid-liquid, by cyclic voltammetry, effect of phase volume ratio in, 12D1

interferons, identn. of enantiomers of, in pharmaceuticals, by HPLCcircular dichroism, 12G12

interleukin 6, detmn. of, by two bead immunoassay, 12F212 intestine, detmn. of trace elements in, by GPC and ICP MS, 12F4

intestine, detmn. of trace elements in, by GPC and ICP MS, 12F43 iodide, detection of, ISE for, 12D11

detmn. of, imaging for, 12C13

detmn. of, in sea water, by isotachophoresis-capillary electrophoresis, 12H85

detmn. of, in urine, by ion chromatography-electrospray MS and ion chromatography-ICP MS, 12F50

lodine, detmn. of, in Chinese traditional medicines, by NAA, 12G240 detmn. of, in milk, by ICP AES, 12H314

iodine compounds, detmn. of, in pharmaceuticals, by HPLC and ICP MS, nebulizers for, 12G7

ion exchange, materials for, characterization of uranium(VI) ions on, by adsorptive stripping-voltammetry and spectrophotometry, 12D53

study of uptake of elements on zirconium vanadate, radiotracers for, tracer packet technique for, 12D17

ionophores, for detection of anions, by fluorescence, tris-(2-methyl-8quinolinolato)aluminium as, 12D16

synthesis of thiourea-based hydrogen-bond, for ion transport of phosphate, 12D74

ions, detection of, by polymeric planar electrophoresis, lab-on-a-chip for, detection in, 12D3

study of transfer of, across liquid-liquid interfaces, by cyclic voltammetry, effect of phase volume ratio in, 12D1

ipecacuanha, detmn. of alkaloids in, by CZE, 12G241

irbesartan, detmn. of, in pharmaceuticals, by second-derivative spectrophotometry, 12G138

iridoid glycosides, detmn. of, in Melitaea cinxia butterfly adults and larvae, by partial filling MEKC-electrospray MS, 12F381

iron, detmn. of aluminium in, by glow-discharge MS, relative sensitivity factors in, 12E20

detmn. of di- and trivalent, by MEKC, off-line selective complexing reaction for, 12D89

detmn. of, in erythrocytes, by ion-exchange chromatography and scintillation counting, 12F84

detmn. of, in minerals and waste water, by ICP MS, interferents in, 12C84

detmn. of, in minerals and waste water, by ICP MS, sample prep., 12C84

detmn. of, in rice, by AAS, 12H208

detmn. of, in water, by kinetic spectrophotometry, 12H134

detmn. of isotopes of, in analytical standards, by ICP MS and isotope dilution, 12C85

detmn. of trace trivalent, in aluminium and environmental materials, by spectrophotometry, reagents for, 12H3

detmn. of trivalent, in water, by FIA, reagents for, 12H78

measurement of isotope ratio of, in geological materials, by ICP MS, 12E55

measurement of isotope ratios of, by laser ablation-multiple collector ICP MS, 12D20

iron-54, detmn. of, in analytical standards, by ICP MS and isotope dilution, 12C85

iron-56, detmn. of, in analytical standards, by ICP MS and isotope dilution, 12C85

iron ion (Fe²⁺), detmn. of, by spectrophotometry, LPME in, 12A41 isobutyric acid, β-(α-methylbenzyl)amino-, detmn. of diastereomers of, by GC and HPLC, 12D133

isocyanuric acid, detmn. of, in biological and environmental materials, by GC, detectors for, extraction in, 12H6

isoelectric focusing, capillary, detection in, liquid core waveguide laserinduced fluorescence whole column imaging, in sepn. of proteins, 12F205

stationary phases for, zwitterionic surfactants as, in sepn. of proteins, 12F214

isoflavone derivatives, detmn. of, in plasma, by bioassay, in study of dietary exposure, 12F157

detmn. of, in soy bread, by HPLC, 12H272

sepn. of, from soya bean, extraction in, 12H231

isotachophoresis, planar chip-based, in detmn. of ascorbate, in photographic materials, 12E94

isotope dilution, coupled with ICP MS, in detmn. of platinum-group metals and rhenium, in geological materials, correction factors in, 12E49

isotopic analysis, by ICP MS, mass discrimination in, 12D26

itraconazole, detmn. of, in serum, by capillary electrophoresis, reagents for, 12G96

itraconazole, hydroxy-, detmn. of, in serum, by capillary electrophoresis, reagents for, 12G96

ivory, identn. of, by FT Raman spectrometry, chemometrics for, 12F19

J

Juniperus communis, identn. of VOC in essential oils of, by GC-MS, 12G216

K

kale, study of bioavailability of carotenoids and phytomenadione from, by detmn. of carbon-13 labelled, in serum, by LC-APCIMS, 12F390

ketones, detmn. of, by high-speed GC, chemometrics in, 12B10 detmn. of, in goat's cheese, by GC-MS, SPME in, 12H322

ketones, aliphatic, unsaturated, analysis of C_{37} , by GC-MS, for paleotemperature measurements, non-linear effects in, 12E59

kidney, detmn. of trace elements in, by GPC and ICP MS, 12F43 kidney tubule fluid, detmn. of nitric oxide in, microelectrodes for, review,

kinetic analysis, high-precision, continuous-flow system for, 12A49 of enzymes, by LC-diode array detection-MS, computer applications for, 12F310

three-way data in, data processing for, 12A24

variable pH and temperature, by HPLC, in study of aspirin hydrolysis, 12G47

L

lab-on-a-chip, for clinical analysis, review, 12F20

for polymeric planar electrophoresis, in detection of ions, detection in, contactless conductivity, external electrode-based, 12D3 for sheathless electrospray MS, in detection of neuropeptides, 12E11 ICP-based, 12D85

miniaturized plasmas for, in spectrometry, 12A28

lactate, detection of, biosensors for, 12F380 detmn. of, by amperometry, biosensors for, 12A97

L-lactate dehydrogenase, detmn. of gene expression of, in cancerous biological cells, by capillary electrophoresis and PCR, 12F371 detmn. of, in heparin plasma, automated analysis for, 12F314

lactones, γ-, sepn. of homologues of, by GC, stationary phases for, 12B16 Lamiaceae, detmn. of oleanolic and ursolic acids in, by GC, SPE in, 12G206

lamivudine, detmn. of, in pharmaceuticals, by HPLC, stationary phases for, 12G127 Lantana camara, identn. of organic compounds in essential oils of fruit and stem of, by GC-MS, 12H215

identn. of VOC in essential oils of leaves of, by GC and GC-MS, 12G212

Laurus nobilis, identn. of organic compounds in essential oils of, by GC-MS, in study of antimicrobial activity, 12G211

lead, detection of divalent, sensors for, 12D67

detmn. of, by AAS, SPE in, 12D28

detmn. of divalent, by spectrophotometry, microplate systems for, 12D66

detmn. of, in beverages and foods, by ICP AES, effect of acid oxidants on, 12H245

detmn. of, in biological materials, by AAS, preconcentration in, 12F24

detmn. of, in teeth, by AAS, sample prep. in, 12F52 detmn. of, in urine, by AAS, atomizer for, 12F89

detmn. of, in wine, by ICP MS, isotope dilution in, 12H354

detmn. of, in xylene, by ICP AES, nebulizers for, 12D24

detmn. of, sensors for, 12A83

lead-204, measurement of isotope ratio of, to lead-206, by flow-injection-ICP TOF MS, 12D68

lead-206, measurement of isotope ratios of lead to, by flow-injection-ICP TOF MS, 12D68

measurement of ratio to lead-207 and uranium-238 of, in minerals, by ICP MS, in geochronology study, 12E56

measurement of ratio to uranium-238 of, in zircon, by ICP MS, in geochronology study, 12E57

lead-207, measurement of isotope ratio of, to lead-206, by flow-injection-ICP TOF MS, 12D68

measurement of ratio to lead-206 of, in minerals, by ICP MS, in geochronology study, 12E56 lead-208, measurement of isotope ratio of, to lead-206, by flow-injection-

ICP TOF MS, 12D68 lead-210, detmn. of, in thermo-mineral spring water, by α-particle spec-

trometry, 12H115

of, in oxic and sulfidic water, by lead complexes, detmn. pseudovoltammetry, 12H87

lead compounds, detmn. of, in environmental materials, review, 12H123 lead ion (Pb2+), detmn. of, sensors for, 12D63

leaves, detmn. of trace chromium in, by adsorptive stripping voltammetry, in monitoring of atmospheric contamination, 12A93

lectins, study of protein-carbohydrate interactions in, 12F116 leek, detmn. of organochlorine pesticides in, by GC, 12H344

letrozole, detmn. of, in pharmaceuticals, by GC, 12G107

lettuce, detmn. of cyprodinil and fludioxonil in, by GC, 12H337 detmn. of fosetyl-aluminium in, by LC-electrospray tandem MS, 12H347

detmn. of phenols in, by bioassay and HPLC, 12H335

library, IR spectral, for analysis of photocopying and printer toners, 12E77 ligands, screening of, by surface plasmon resonance, 12D107

light scattering, in analysis of glow-discharge analytical plasmas, instrumentation for, 12C2

multiangle, in characterization of polymers, estimation of molar mass and radius in, mathematics for, accuracy of, 12C11

pulsed photon TOF, for detmn. of optical properties, data processing in,

lignans, detmn. of, in plasma, by HPLC-tandem MS, SPE in, 12F54 detmn. of, in wine, by HPLC, 12H357

lignins, detmn. of, by LC, 12H182

lignocaine, detmn. of, and its metabolites, in aqueous humor, by HPLC, 12G167

lignoceric acid, detmn. of, in meat, by GC, SPE in, validation in, 12H279 linseed, detmn. of hydroxycinnamic acid glucosides and secoisolariciresinol diglucoside in, by HPLC, extraction in, 12H232

sepn. of polysaccharides in mucilage of, by GPC and ion-exchange chromatography, 12H211

linseed oil, detmn. of di- and triglycerides in, by HPLC-APCIMS, 12E106 lipids, detmn. of amino-acids and fatty acids in, by bioassay, HPLC and spectrophotometry, 12F245

detmn. of, in eggs, 12H288 detmn. of, in flax fibres, by GC-MS, 12H220

lipopolysaccharides, characterization of, from Haemophilus influenzae, by electrospray tandem MS and PAGE, 12F120

measurement of binding to cysteine- and glutathione-reduced lysozyme of, by ELISA, 12F249

lipoproteins, characterization of low-density, in eggs, in study of emulsifying activity, 12H287

detmn. of, in serum, by GC, effect of soy leaf on, 12F139

liposomes, study of interaction of, with nimesulide, by fluorimetry and spectrophotometry, 12G54

Lippia grandis, identn. of organic compounds in essential oils of, by GC and GC-MS, 12G215

liqueurs, analysis of limoncello lemon, by GC, GC-MS and HPLC, 12H363

liquid crystals, detmn, of anions and cations in, by ion chromatography, 12E38

lithium, measurement of isotopes of, by ICP MS, matrix effects in, 12D43 liver, detmn. of enantiomers of PCB atropisomers in porpoise, by GC and GC-MS, for environmental monitoring of sea water, 12H117

detmn. of mescaline in post-mortem, by GC, 12G258 detmn. of trace elements in, by GPC and ICP MS, 12F43

detmn. of trace elements in porcine, by HPLC-electrospray MS, HPLC-ICP MS and ICP AES, 12F48

detmn. of verbenone metabolites in microsomes of, by HPLC, 12F393 sepn. of metallothionein-like proteins in, by capillary electrophoresis-ICP MS, 12F294

loganin, detmn. of, in Chinese traditional medicines, by MEKC, 12G204 loratadine, detmn. of, in plasma, by LC-tandem MS, 12G102

lubricating oils, detmn. of metals in, by AAS, mathematical models for,

luminescence, quenching of, in measurement of oxygen diffusion in polymer films, 12A14

lung, detmn. of trace elements in, by GPC and ICP MS, 12F43

lupin, detmn. of carboxylic acids in root of white, by LC, 12H229

Lupinus albus, detmn. of proteins in spent medium of, by enzymic analysis and gel electrophoresis-electrospray MS, 12F250 lutein, detmn. of, in aqueous humor, by HPLC, 12F396

lysine, detection of, by HPTLC and TLC, iodine-azide reaction for,

detmn. of, by amperometry, biosensors for, 12A97

L-lysine, No-(carboxymethyl)-, detmn. of free and total, in diabetic and normal urine, by HPLC, 12F275

lysophosphatidylcholines, detmn. of, in plasma, by HPLC, 12F143

lysozyme, measurement of binding of lipopolysaccharides to cysteine- and glutathione-reduced, by ELISA, 12F249

study of cysteine- and glutathione-reduced, by fluorimetry, MALDI MS and spectrophotometry, 12F249

M

macadamia nut oil, detmn. of di- and triglycerides in, by HPLC-APCIMS, 12E106

Maesa balansae, detmn. of saponins in, by LC, 12G229

magnesium, detmn. of, sensors for, 12D49 magnesium ion ($Mg^{2\nu}$), detmn. of, in biological cells, sensors for, 12F38magnolol, analysis of interaction of, with BSA, by fluorimetry, 12G246 maize, detmn. of zearalenone in, by LC-electrospray MS, extraction in, 12H206

maize oil, detmn. of di- and triglycerides in, by HPLC-APCIMS, 12E106 detmn. of oxidized triglycerides in, by GPC and LC, effect of refining process on, 12H309

malonaldehyde, detmn. of, in urine, by HPLC, derivatization reagents for, 12F394

maltodextrin, study of interactions of, with glutenins, by CZE and HPLC,

maltol, detmn. of, in wine, by GC-ion-trap MS, SPE in, 12H366

manganese, detmn. of in brain, by ETAAS, ICP AES, ICP MS and NAA,

detmn. of, in fertilizers and pharmaceuticals, by spectrophotometry, reagents for, 12G170

detmn. of, in mixed sintered perovskites, by ICP MS, 12E31 detmn. of, in teeth, by AAS, sample prep. in, 12F52

mango, detmn. of β-carotene isomers in dried and fresh, by HPLC, 12H334

identn. of flavonol and xanthone glycosides in peel, by HPLC-electrospray MS, 12H342

manufacturing industry, cleanliness in, validation of, by mid-IR spectrometry, 12E6

manure, detmn. of tetracyclines in, by ELISA, 12H141

marjoram, analysis of essential oils of, by GC-MS, in study of genotypeenvironment interactions, 12H216

marsupsin, detmn. of, in Indian traditional medicines, by HPTLC,

mass spectrometry, AP-photoionization, coupled with LC, columnswitching in, in detmn. of patulin, in apple juice, 12H370 atomic, overview, 12C78

coupled with capillary electrophoresis, coaxial liquid sheath-flow sprayer in, in characterization of protein complexes, 12F255

coupled with GC, ECD for, derivatization in, in detmn. of haloacetic acid derivatives, in biological materials, 12H68

coupled with GC, in analysis of fire debris, review, 12F2

coupled with GC, in detmn. of alkyl methylphosphonates, in plasma and urine, derivatization in, t-butyldimethylsilylation for, 12F130

coupled with GC, in detmn. of coplanar and non-coplanar PCB, in serum, 12F113

coupled with GC, in detmn. of date rape drugs, in biological materials, review, 12G20

coupled with GC, in detmn. of semi-VOC and VOC, in air and water, membrane interfaces for, universal temperature controlled, 12H41 coupled with GC or LC, in detmn. of oxazaphosphorines, and their

metabolites, in biological materials, review, 12G111

coupled with HPLC, in detmn. of drugs, in biological materials, review, 12G26

coupled with LC, derivatization reagents for, ammonium 7-fluoro-2,1, 3-benzoxadiazole-4-sulfonate as, in identn. of altered proteins, in biological tissues, mathematical models for, 12F187

coupled with LC, detection in, fluorescence, in detmn. of enrofloxacin, in eggs, 12H293

coupled with LC, in detmn. of antioxidants, in biological materials, review, 12F384

coupled with LC, in detmn. of cocaine and opiates, in meconium, validation of, 12G61

coupled with LC, in detmn. of drugs of abuse and poisons, in biological materials, review, 12G29

coupled with LC, in detmn. of drugs of abuse, in biological materials, review, 12G30

coupled with LC, in detmn. of immunosuppressants, in blood, review, 12G110

coupled with LC, in detmn. of pharmaceutical impurities, 12G14 coupled with LC, multiple-reaction monitoring in, in detmn. of drugs,

in blood, 12G32 coupled with microchip electrophoresis, interfaces for, in sepn. of drugs and peptides, 12F268

dual-inlet, in measurement of oxygen isotope ratios, in dissolved air,

in detmn. of drugs, in biological materials, review, 12G28

in study of chemistry of cationic and neutral ozone in atmosphere, review, 12H126

in study of polyphenols in wine, review, 12H369

ionization methods for, surface-activated CI as, 12C89

ion-suppression in, review, 12C71

IR multiphoton dissociation in, hollow fibre waveguide for, 12C68

Iaser ionization TOF, in characterization of phosphorus and titanium oxide anti-reflective coatings, in solar cells, 12E26 membrane interfaces for, in detmn. of semi-VOC and VOC, in air and

water, universal temperature controlled, 12H41
membrane introduction, in study of adsorption of organic compounds
on activated carbon. SPE in 12A30

on activated carbon, SPE in, 12A39 negative ionization electrospray, in detmn. of antisense nucleotide/

negative ionization electrospray, in detinn. of antisense nucleotide/ peptide conjugates, 12F372 residual gas analysis, in analysis of d.e. magnetron reactive sputtering,

of silver, tin and titanium, 12E25 sonic spray, coupled with LC, in detmn. of endocrine disruptors, in

water, SPE in, 12H127 tandem, acetonitrile CI, in characterization of conjugated FAME,

12F137
tandem, coupled with GC, in detmn. of 8-epiprostaglandin F_{2n}, in urine, immunoaffinity chromatography and TLC in, divergence of results

in, 12F140
tandem, coupled with LC, in detmn. of corticosteroids, in urine, 12G160
tandem, coupled with LC, in detmn. of drugs, in biological materials,

12G27 tandem, coupled with LC, in detmn. of veterinary drugs, in biological

tissues, from animals for human consumption, review, 12G25 tandem, coupled with low-pressure GC, in detmn. of organotin compounds. 12H30

tandem, coupled with low-pressure GC, in detmn. of pesticides, in postharvest French bean plants, extraction in, 12H226

TOF, coupled with GC, stopped-flow, 12B8

TOF, vacuum UV single-photon ionization, in detection of chlorobenzene derivatives, 12H11

with hydrogen exchange, in detmn. of proteins, 12F217

mass spectrometry, atmospheric-pressure-chemical-ionization, in detmn. of drugs, in plasma, elimination of matrix effects in, 12G35

mass spectrometry, electron cyclotron resonance, ion source for, production of argon ions from, optimization of magnetic field configuration in, 12C88

mass spectrometry, electrospray, coupled with LC, in detection of metabolites, in urine, as phospholipidosis biomarkers, data processing in, 12F14

coupled with LC, in detmn. of bile acid-fatty acid conjugates, in plasma, 12F397

FTICR, coupled with LC, in proteomics, 12F199

in detection of protein conformers, chemometrics for, 12F197 in detmn. of drugs, and their metabolites, review, 12G24

in detmn. of drugs, in plasma, elimination of matrix effects in, 12G35 nano-, tandem, chip-based, in detmn. of midazolam, in plasma, 12G136 nanoflow, in screening of protein-ligand binding, microfluidic systems for, 12F206

sheathless, in detection of neuropeptides, lab-on-a-chip technology for,

silver(1) cationization, in detmn. of PAH, 12H29

tandem, coupled with micro-LC, in proteomics, 12F289

tandem nano-, in identn. of proteins, 12F292

mass spectrometry, glow-discharge, in analysis of d.c. magnetron reactive sputtering, of silver, tin and titanium, 12E25

in trace analysis of high-purity copper, in round robin study, 12E23 instrumentation for, 12C80

ion sources for, double microsecond pulsed glow-discharge, 12C75 reduction of polyatomic interferences in, 12C81

relative sensitivity factors in, in detmn. of aluminium, in iron and titanium, 12E20

sources for, enhanced ion extraction pulsed glow-discharge, in analysis of atmosphere and small non-conducting actinide samples, 12C76 thin-walled metallic hollow cathode for, 12C28

TOF, argon d.c. glow-discharge for, influence of hydrogen addition on, 12C74

TOF, coupled with GC, in speciation of aromatic and chlorohydrocarbons, influence of discharge parameters on, 12D104

TOF, in depth profiling of zinc, in conductive coatings, 12E27 TOF, in depth-profile analysis of thin zinc coatings, 12E24

mass spectrometry, inductively coupled plasma, cold vapour, in detmn.
of mercury, in water, 12H96

coupled with GC, in detmn. of mercury and tin, in oyster, sample prep. in, 12F69

coupled with GC, optimization of, optional gas and collision cell for, in detmn. of organophosphorus pesticides in water, 12H99

coupled with GC or HPLC, in detmn. of tributylstamane, in sediments, isotope dilution in, solvent accelerated extraction in, 12H162

coupled with HPLC, in detmn. of triplatinum antineoplastics, in plasma, 12G115

coupled with ion chromatography, in detmn. of arsenic compounds, in food, 12H261

coupled with ion chromatography, in deturn, of chromium ion, isotope dilution in, 12D86

coupled with isotope dilution, in detmn. of platinum-group metals and rhenium, in geological materials, correction factors in, 12E49

coupled with SPME, in speciation of volatile organoselenium compounds, in garlic, 12H376 dynamic reaction cell, coupled with GPC, in speciation of vanadium, in

dynamic reaction cell, coupled with GPC, in speciation of vanadium, in serum, optimization of, 12G257

electrothermal vaporization in, in detmn. of selenium-79, in fission products solutions, 12E43

electrothermal vaporizer, in detmn. of elements, in water, 12H98

flow-injection, in detmn. of elements, in serum, 12F93

flow-injection, in detmn. of platinum-group metals, in road dust, serum and urine, online preconcentration in, 12F94 hexapole collision cell multi-collector, in detmn. of iron isotopes in

analytical standards, 12C85 high resolution, in detmn. of calcium isotope ratios, in urine, 12F51

in detmn. of bromine-, chlorine-, and iodine compounds, in pharmaceuticals, 12G7

in detmn. of elements, in blood and serum, instrumentation for, 12F53 in detmn. of elements, in glass and steel, calibration in, 12E28

in isotopic analysis, mass discrimination in, 12D26 in measurement of lithium isotopes, matrix effects in, 12D43

instrumentation for, high-efficiency argon plasma torch for, in detmn. of trace elements, in water, 12C70

interferents in, argon and calcium, removal of, in detmn. of iron in minerals and waste water, 12C84

isotope dilution, coupled with HPLC, in detmn. of methylmercury, evaluation of stability of isotopomers for, by NMR, 12D92

isotope dilution, coupled with HPLC, in detmn. of methylmercury, evaluation of uncertainty in, 12D93

isotope dilution, coupled with HPLC, in speciation of elements, evaluation of uncertainty in, 12D25 isotope dilution, in detmn. of cadmium and copper in digests of foods,

isotope dilution, in definin, of cadmium and copper in digests of in certification of analyte content, 12H255

laser ablation, elemental fractionation in, 12C67 laser ablation, sampling in, wavelengths for, 12C72

laser-ablation, in detmn. of cobalt and manganese in mixed sintered perovskites, 12E31

laser-ablation, in detmn. of trace elements in analytical standards, 12C83

laser-ablation, in detmn. of trace elements, in solids, study of particle behaviour in, imaging in, 12C79 laser-ablation TOF orthogonal acceleration, fractionation in, effect of particulate formation, in detmn. of elements, 12C82

magnetic sector, in detmn. of plutonium-239, in urine, introduction system in, Aridus desolvation, 12F91

measurement of plasma temperature in, by spectrometry, 12C77 multi-collector for, in measurement of lead-207/lead-206 and lead-206/ uranium-238 ratios, in minerals, in geochronology study, 12E56

multi-collector, in measurement of iron isotope ratios, in geological materials, 12E55

multiple collector, in detmn. of ytterbium isotopes, 12D59 quadrupole, estimation of dead time in, chemometrics for, 12C73

quadrupole, internal standardization in, protocol for, in detmn. of elements in moss, sea water and vodka, 12C86

reduction of polyatomic interferences in, 12C81

sample introduction in, by induction heating-ET vaporization, elimination of arcing in, 12C24

ultra-sonic nebuliser for, in detmn. of plutonium, in foods, 12H263 mass spectrometry, ion cyclotron resonance, FT electrospray, coupled with LC, in proteomics, 12F199

mass spectrometry, ion-trap, in detmn. of chemical warfare agents and explosives, instrumentation for, 12E93

in detmn. of VOC, in air, SPME in, 12H40

MALDI, in identn. of proteins, 12F287

within situ ionization, coupled with GC, in detmn. of drugs, 12C87

mass spectrometry, matrix-assisted laser desorption-ionization, coupled with capillary HPLC, in detmn. of steroids, reactive matrix for, 12G156

coupled with GPC, in characterization of polymer blends, 12E81 in detection of methionine- and methionine sulfoxide-containing peptides, SPE in, 12F291

in identn. of proteins, 12F292

instrumentation for, TOF/TOF spectrometer with "LIFT" technique, in identn. of peptides, 12C66

stabilization reagents for, cobalt(III) hexammine as, in analysis of double-stranded oligonucleotides, 12F330

tandem TOF, in analysis of proteins, 12F290

TOF, in analysis of phosphorylated compounds, reagents for, phosphate capture molecules as, 12F288

TOF, in identn. of proteins, 12F287

TOF TOF tandem, in characterization of oligosaccharides, 12F119 mass spectrometry, secondary-ion, MCs, mode in, optimization of, instrumentation for, 12C90

mass spectrometry, sol-gel-assisted laser desorption-ionization, in detection of oligonucleotides, 12F340

mathematical models, alternating least squares with penalty functions, for curve resolution, 12C50

artificial neural network, quasi-optimal input selection in, for chemometrics, 12A19

Ashgriz-Poo model, for coalescence in the plasma, in study of droplet

heating and desolvation in ICP, 12C4 database-searching algorithms, in identn. of altered proteins, in biological tissues, by LC-tandem MS, derivatization reagents for, 12F187

factor analysis, discarding and downweighting of high-noise variables in, 12A16

for calibrating NIR spectra, elimination of interference in, 12C60

for depth-profile analysis, by glow-discharge AES, 12C38

for detmn. of dextropropoxyphene and dipyrone, in pharmaceuticals, by spectrophotometry, artificial neural networks as, 12G36

for identn. of explosives, by ion-mobility spectrometry, real-time 2D wavelet compression for, 12A22

for investigation of afterpeak, in millisecond pulsed glow-discharge, for glow-discharge AES, 12C27

for modelling DNA transport, on sensors, 12F377

for multispectral image analysis, spatial refinement clustering as, 12A18 for predicting adsorption-desorption hysteresis of phenol, on C18 stationary phases, 12D134

resolution of excitation-emission spectra, in time-domain fluorimetry, effect of scattering in, 12C52

for r.f. sources, for glow-discharge AES, 12C32

for sepn. of BSA, from yeast, by expanded-bed adsorption ion-exchange chromatography, 12F269

general theory for magnetic split-flow thin fractionation, in sepn. of particles, 12A35

Gibbs-Donnan model, for characterization of sorption of uranium(VI) ions on cationic ion-exchange materials, 12D53

hypergeometric probability, PEP_PROBE, in identn. of proteins, by MS, 12F191

in detmn. of metals, in lubricating oils, by AAS, 12E71

of release of volatile flavour compounds from sucrose solutions, 12H267

partial analytical solution of, in measurement of oxygen diffusion in polymer films by luminescence, 12A14

principal component analysis, for retention prediction, in sepn. of 6,7diarylpteridines, by LC, in study of structure-activity relationship.

quantitative structure-activity relationship, for retention prediction, in sepn. of enantiomers of organophosphonic acid derivatives, by HPLC, 12D113

quantitative structure-retention relationships, in study of retention mechanism in sepn. of organic compounds by reversed-phase LC, 12B47

mathematics, for detmn. of riboflavine sodium phosphate, in pharmaceuticals, by voltammetry, 12G173

for estimation of molar mass and radius in characterization of polymers, by multiangle light scattering, accuracy of, 12C11

MDPPP, detmn. of, in urine, by GC-MS, SPE in, 12G187

meat, detmn. of antibiotics in, by capillary electrophoresis, 12H302 detmn. of antibiotics in, by LC-electrospray MS, 12H281 detmn. of fatty acids in, by GC, SPE in, validation in, 12H279 detmn. of metals in, by AAS, sample prep. in, 12H280

meat products, sausages, detmn. of nitrite in, ISE for, 12H283 meclozine, detmn. of enantiomers of, by CZE, 12G98

meconium, detmn. of arecoline in, by HPLC-electrospray MS, 12G70 detmn, of cocaine and opiates in, by LC-MS, validation of, 12G61

Medicago marina, identn. of organic compounds in essential oils of, by GC and GC-MS, 12G220

melagatran, detmn. of, in plasma, by HPLC, column-switching in,

melanoma, identn. of proteins in, by gel electrophoresis and MALDI MS,

melatonin, detmn. of, and its derivatives, by chemiluminescence, reagents for, 12F145 meloxicam, detmn. of, in plasma, by column-switching HPLC,

precolumns for, stationary phases for, 12G65 membranes, biological, detmn. of proteins in affinity purified, by HPLC-MS 12F188

Mentha, detmn. of antioxidants in species of, by LC, 12H374

Mentha arvensis, detmn. of antioxidants in, by LC, 12H374

Mentha haplocalyx, detmn. of antioxidants in, by LC, 12H374

menthol, detmn. of enantiomers of, in peppermint, by GC, extraction in, 12H227

sepn, of homologues of, by GC, stationary phases for, 12B16

mercury, detmn. of divalent, in sea water, ISE for, 12H75 detmn. of, in cloud and fog, samplers for, 12H118

detmn. of, in oyster, by GC-ICP MS, sample prep. in, 12F69

detmn. of, in water, by cold vapour ICP MS, 12H96

detmn. of, in water, by flow-injection cold vapour ICP MS, SPE in, 12H94

detmn. of, in xylene, by ICP AES, nebulizers for, 12D24

measurement of isotope ratios of, in cinnabar ores, by ICP MS, 12E50 sampling of reactive gaseous, in atmosphere, evaluation of methods for, 12H32

speciation of, in biological materials, by GC-ICP AES, derivatization reagents for, SPME in, 12F92

speciation of, in soil, by ICP MS and ion chromatography, 12H177 mercury compounds, detmn. of, in environmental materials, review,

12H123

detmn. of, in sediments, by HPLC-ICP MS, 12H163

mercury, ethyl-, detmn. of, in biological tissues, by GC-ICP MS, 12F70 detmn. of, in sediments, by HPLC-ICP MS, 12H163

mercury ion (Hg2+), detmn. of, in biological tissues, by GC-ICP MS, 12F70

detmn. of, in water, by ICP MS, sample prep. in, 12H73
mercury, methyl-, detmn. of, by HPLC-isotope dilution ICP MS, evaluation of stability of isotopomers for, by NMR, 12D92

detmn. of, by HPLC-isotope dilution ICP MS, evaluation of uncertainty in, 12D93

detmn. of, in biological and environmental materials, by GC-AFS, 12H5 detmn. of, in biological tissues, by GC-ICP MS, 12F70

detmn. of, in fish biological tissues, by isotope dilution SPME-GC-ICP MS, 12H290

detmn. of, in fish, by GC-MS, isotope dilution in, SPME in, 12H299 detmn. of, in sediments, by HPLC-ICP MS, 12H163

mercury sulfide (HgS), detmn. of mercury isotope ratios in ores of, by ICP MS, 12E50

mescaline, detmn. of, in post-mortem biological tissues, by GC, 12G258 metabolites, detection of, in urine, as phospholipidosis biomarkers, by

LC-electrospray MS, data processing in, 12F14 detmn. of, in serum, by LC-electrospray MS, 12F204

detmn. of, in urine, by HPLC-electrospray MS, chemometrics for, 12F18

detmn. of iodine-containing, in earthworm, by HPLC-ICP MS, 12F111 metal complexes, speciation of, in humic substances, by stripping chronopotentiometry, 12H173

metal ions, detmn. of, by AAS, SPE in, 12D29

extraction of trace, by SPE, chelating resins for, review, 12D19

metal ions, heavy, detmn. of trace, by flow analysis, biosensors for, 12A57

metal oxides, detmn. of metal oxides in single crystals of mixed, by ICP AES, 12E36

metalloproteinases, matrix, profiling of proteomic, in biological fluids and tissues, extraction in, 12F257

metallothionein, speciation of metals in fish, by capillary electrophoresis-ICP MS, 12F49

metallothioneins, sepn. of, in brain cytosols, by CZE-ICP MS, 12F216 peciation of metals in fish, by capillary electrophoresis-ICP MS, 12F49 metallurgical materials, detmn. of heavy metals in waste water from, by

voltammetry, electrodes for, 12H138 detmn. of platinum in, by AAS, preconcentration in, 12D88

detmn. of trace gold and palladium in, by flow-injection SPE-flame AAS, 12E58

metals, detection of, by CCP AES, instrumentation for, 12C37 detection of, by chromatography and FIA, detectors for, 12D23

detmn. of additives, in diesel fumes and fuels, by ICP MS, 12E69 detmn. of, by direct sample insertion ICP AES, sample prep. in, 12D22 of, by stopped-flow spectrophotometry, chemometrics in, 12D87

detmn. of distribution of, in tree stem, by XRF, 12H238

detmn. of, in alcoholic beverages, by AAS, for classification of origin, chemometries for, 12H372

detmn. of, in blood, by ETAAS, cloud-point extraction in, 12F88

detmn. of, in geological materials, by AES, sample prep. in, 12E68 detmn. of, in lubricating oils, by AAS, mathematical models for, 12E71

detmn. of, in meat, by AAS, sample prep. in, 12H280

detmn. of, in potato, by AAS and AES, 12H332

detmn. of, in sediments and water, calibration in, 12H9

detmn. of, in single crystals of mixed metal oxides, by ICP AES, 12E36 detmn. of, in stainless steel, by grazing exit electron micro-probe analysis, 12E9

detmn. of, in waste gases, by ICP AES, 12H137

detmn. of, in water, by AAS, 12H119

detmn. of, in water, by flow-injection ICP AES, online SPE in, 12H133 detmn. of trace, in road sediments, by ET AAS and ICP AES, 12H187

extraction of, from dry and wet sediments, by sequential extraction, 12H158

speciation of, in biological and environmental materials, advances in, 12H2

speciation of, in biomolecules, by ICP MS, 12F379 speciation of, in fish metallothioneins, by capillary electrophoresis-ICP MS, 12F49

metals, heavy, detmn. of, in car park dust, by flame AAS, sequential extraction in, 12H48

detmn. of, in metallurgical waste water, 12H138

detmn. of, in sediments, by ICP AES, 12H185 detmn. of, in snow, by AAS, ICP MS and ion chromatography, 12H113 detmn, of, in urine, biosensors for, 12F96

detmn. of, in water, by anodic-stripping voltammetry, chemiluminescence, GPC and ion-exchange chromatography, 12H59 metamfetamine, detmn. of, and its metabolites, in urine, by capillary elec-

trophoresis-MS, 12G183 meteorites, identn. of elements in, by radioactivation analysis by neutrons.

metformin, detmn. of, by flow-injection chemiluminescence, 12G201

methadone, detmn. of, and its metabolites, in urine, by EIA, 12G56 detmn. of, in urine, by capillary electrophoresis, 12G94

methanesulfonic acid, detmn. of alkyl esters of, by GC-MS, reagents for, 12D120

methanethiol, detmn. of, sensors for, 12A82

methanol, detmn. of, sensors for, 12A80

methaqualone, detmn. of, and its metabolites, in urine, by capillary electrophoresis, 12G134

methoin, detmn. of, in urine, by capillary electrophoresis, 12G94 methyl hydroxybenzoate, detmn. of, and its degradation products, in

pharmaceuticals, by HPLC, 12G157 1-methylcyclopropene, detmn. of, in plum, by colorimetry and GC, effect

on shelf life, 12H336 methylphenidate, detmn. of, in urine, by ELISA, 12G184

metomidate, purification of carbon-11 labelled, by HPLC and SPE, 12G164

microbiological analysis, 3M Petrifilm Count Plate method for, in enumeration of Enterobacteriaceae micro-organisms, in foods, 12H252

micro-organisms, detection of ATP in, by bioluminescence, in presence of ATP extractant, reagents for, 12F349

detection of total, in water, impedance method for, 12H102

detmn, of cefonerazone in, by square-wave voltammetry, electrodes for, 12G17

detmn. of ectoine in, by anion-exchange chromatography, detection in, 12F4

detmn. of elements in, by XRF, 12F39

enumeration of Enterobacteriaceae, in foods, by microbiological analysis, 3M Petrifilm Count Plate method for, 12H252

enumeration of probiotic pediococci, in feeding stuffs, interlaboratory study, 12H243

identn. of, by bioassay and MALDI TOF MS, databases for, 12F9

sepn. of, by capillary electrophoresis, 12F31

sepn. of, by thermal gel electrophoresis, 12F17

sepn. of proteins in, by affinity chromatography and PAGE, 12F273 microsomes, detmn. of coumarin metabolites in incubations of, by capillary electrophoresis, pH-mediated sample stacking in, 12G261

detmn. of epoxidation products and glutathione conjugate of coumarin in hepatic, by HPLC, 12F100

detmn. of 20-hydroxyarachidonic acid in incubations of, by HPLC-MS, 12F141

identn. of silibinin metabolites in liver, by LC-electrospray ion-trap tandem MS, 12G259

midazolam, detmn. of, in plasma, by nanoelectrospray tandem MS, 12G136

milk, detmn. of ATP in, by flow-injection chemiluminescence, 12G1 detmn. of bromine, chlorine and iodine in, by ICP AES, 12H314 detmn. of cefoperazone in, by square-wave voltammetry, electrodes for,

12G17 detmn. of chloramphenicol in, by HPLC, effect of storage conditions on, 12H264

detmn. of chloramphenicol in, by LC-tandem MS, 12H316

detmn, of fats in, extraction in, 12H319

detmn. of flunixin and 5-hydroxyflunixin in, by LC-tandem MS, SPE in. 12H311

detmn, of nitrite in, ISE for, 12H283

detmn. of PCB in, by SPME-GC, chemometrics for, 12H321

detmn. of protein aggregates in heated, by GPC and HPLC, 12H310

detmn. of ultratrace bismuth in, by AFS, 12H320

detmn. of VOC in, sensors for, review, 12H325 detmn. of whey proteins in, by combustion, 12H305

monitoring of quality of, sensors for, lipid-based disposable, 12H326

milk, goat's, detmn. of caseins, fats, proteins, somatic biological cell count and total solids in, by NIR reflectance spectrometry, 12H318

milk, human, detmn. of antidepressants in, by capillary electrophoresis, LPME in, 12G86

detmn. of tramadol in, by HPLC, 12G62

detmn. of triazine herbicides in, by GC-MS, 12F101

milk powder, detmn. of cholesterol derivatives in, by GC-MS, SPE in, 12H324

measurement of calcium/phosphorus ratio in, by ICP MS, 12H256

minerals, ores and rocks, detmn. of gold in, by XRF, carriers in, 12E61 detmn. of iron in, by ICP MS, 12C84

detmn, of mercury isotope ratios in cinnabar, by ICP MS, 12E50 detmn, of rare-earth elements in carbonatites, by NAA, 12E62

detmn. of rare-earth metals and yttrium in, by ICP AES, 12E52

measurement of lead-207/lead-206 and lead-206/uranium-238 ratios in, by ICP MS, in geochronology study, 12E56

mirtazapine, detmn. of, in plasma, by HPLC, 12G90

mitoguazone, detmn. of, in plasma, by HPLC, 12G116

mixtures, detmn. of number of components in, by HPLC and HPLC-NMR, chemometrics for, 12A27

molecular recognition analysis, of organic chemicals and viruses, sensors based on, overview, 12A92

molecular weight, measurement of, of glutenins, in wheat, by FFF, mass overloading in, 12H230

molluses, speciation of arsenic in, by HPLC and ICP AES, 12F66

molybdenum, detmn. of hexavalent, in water, by colorimetry and NIR spectrometry, reagents for, 12H135

detmn. of, in brain, by ET AAS, sample prep. in, 12F95 detmn. of in brain, by ICP MS, 12F95

monazite, detmn. of thorium in, by ICP AES, extraction in, 12E66 Mongolian oak, detmn. of arsenic in bark of, by ICP MS, 12H233

morphine, detmn. of, in pharmaceuticals, by HPLC, columns for, 12G50 morphine, dihydro-, detmn. of, in pharmaceuticals, by HPLC, columns for, 12G50

morroniside, detmn. of, in Chinese traditional medicines, by MEKC, 12G204

moss, detmn. of elements in, by ICP MS, internal standardization in, 12C86

MPPP, detmn. of, in urine, by GC-MS, SPE in, 12G186

mucilage, sepn. of polysaccharides in linseed, by GPC and ion-exchange chromatography, 12H211

muscle, detmn. of trace elements in, by GPC and ICP MS, 12F43

musks, detmn. of polycyclic, in sewage sludge and waste water, by GC ion-trap MS and GC-MS, 12H143

mussel, detmn. of azaspiracids in, by LC-MS, 12F110

detmn. of octachlorostyrene in, by GC-MS, 12H26

detmn. of organotin compounds in, by low-pressure GC-tandem MS, 12H30

detmn. of PAH in Mytilus edulis, by GC-MS, 12H301

mycotoxins, detmn. of, by immunoassay, antibodies for, characterization policy for, 12F97

detmn. of macrocyclic lactone, in fish, by LC-tandem MS, sample prep. in. 12H295

myocardium, detmn. of trace elements in, by GPC and ICP MS, 12F43 myosins, sepn. of cardiac, by PAGE, 12F179

myrtle, identn. of organic compounds in essential oils of, by GC-MS, in study of antimicrobial activity, 12G211

nabumetone, detmn. of, and its metabolites, in biological materials, by HPLC-MS, 12G64

naltrexone, detmn. of, in plasma, by LC-MS, 12G60

nanomaterials, multilayer-based, fabrication of, review, 12A61

naphtha, detmn. of arsenic in, by ET AAS, preconcentration in, 12E73 napropamide, detmn. of, in agricultural materials, soil and vegetables, by fluorimetry, 12H196

naproxen, detmn. of, and its degradation products, in pharmaceuticals, by HPLC, columns for, 12G49

neem, detmn. of azadirachtin in, by HPTLC, 12H235

neem oil, detmn. of azadirachtin in, by HPTLC, 12H235 nematode, sequence analysis of DNA in, by PCR, 12F363

nervonic acid, detmn. of, in meat, by GC, SPE in, validation in, 12H279 neuropeptides, detection of, by electrospray MS, lab-on-a-chip technology for, 12E11

neurotoxins, detmn. of, in biological fluids, by ICP MS, microwave digestion in, 12F67

neurotransmitters, detmn. of, in brain, by positron emission tomography, 12F160

sepn. of, by capillary electrophoresis, microchip-based, electrodes for,

nickel compounds, detmn. of, in environmental materials, review,

nickel ion (Ni2+), detmn. of, in waste water, sensors for, 12H155

nicotinamide, analysis of, by HPLC, validation in, 12G174 sepn. of, and isomers, by HPLC, stationary phases for, 12B29

nicotine, detmn. of, in cigars, by GC, microwave and Soxhlet extraction in, effect of moisture on, 12E107

detmn. of, in hair, saliva and urine, by GC-MS, 12F80

nimesulide, study of interaction of, with liposomes, by fluorimetry and spectrophotometry, 12G54

nimodipine, identn. of metabolites of, by HPLC-MS, sample prep. in, 12G143

nisoldipine, detection of photodegradation products of, by HPLC, 12G144 nitrate, detection of, ISE for, mechanistic aspects of, 12A65

detmn. of, by spectrophotometry, reagents for, 12D72

detmn. of, by voltammetry, electrodes for, 12D76 detmn. of, ISE for, 12D73

nitrates, detmn. of, by flow-injection spectrophotometry, 12D69 nitric oxide, detection of, in air, sensors for, 12H55

detection of, in biological materials, sensors for, overview, 12F61 detmn. of, in biological cells, by chronoamperometry, biosensors for, 12F7

detmn. of, in biological materials, sensors for, 12F59

detmn. of, in kidney tubule fluid, microelectrodes for, review, 12F60 detmn. of, in sea water, microelectrodes for, 12H128

detmn. of production of, by lesioned retina, by differential pulse amperometry, electrodes for, 12F37

nitric-oxide synthase, assay of, in biological materials, by spectrophotometry, 12F311

nitrite, detmn. of, by voltammetry, electrodes for, 12D76 detmn. of, in milk and sausages, ISE for, 12H283

detmn. of, sensors for, 12A68, 12D71

nitrites, detmn. of, by flow-injection spectrophotometry, 12D69 detmn. of, in biological materials, by spectrophotometry, 12F311

nitro-compounds, polycyclic aromatic, detmn. of, in soil, by GC-tandem MS, extraction in, 12H167

extraction of, from soil, by pressurized-fluid extraction, 12H181 extraction of, from urban aerosols, by SFE, 12H46

nitrofurazone, detmn. of, by fluorimetry, sensors for, 12G71

nitrogen, detmn. of, in nuclear materials, by glow-discharge AES, optical interfaces for, 12E42

detmn. of organic, in waterborne particulates, sample prep. in, 12H71 measurement of isotope ratios of, in waterborne particulates, by MS, sample prep. in, 12H71

nitrogen dioxide, detection of, in air, sensors for, 12H54

detmn. of, sensors for, 12A85, 12A91

detmn. of, sensors for, effect of temperature on, 12A78

nitrogen oxides, detmn. of, in car-exhaust gases, by GC, 12H144 nitrosamines, detmn. of tobacco-specific, in tobacco smoke, by LC-electrospray tandem MS, 12H34

non-Hodgkins lymphoma, identn. of proteins in, by MALDI MS, SDS-PAGE and Western blotting, 12F241

norbuprenorphine, detmn. of, in plasma, by LC-tandem MS, SPE in, 12G63

North American ginseng, detmn. of ginsenosides in, by HPLC, 12G222 nuclear magnetic resonance, application of, overview, 12C48

carbon-13, in measurement of protonation constants of fluorinated polyamines, 12D114

coupled with HPLC, in detmn. of number of components, in mixtures, chemometrics for, 12A27

coupled with LC, instrumentation for, detection cell, in identn. of methyl esters of unsaturated fatty acids, 12D95

deuterium, in differentiation of natural and synthetic phenylalanine and tyrosine, 12F247

diffusion-edited, in study of effect of α-naphthylisothiocyanate addition to serum, chemometrics for, 12F79

diffusion-ordered spectroscopy, data processing in, 12C53

in analysis of acid-base equilibria of nucleotides, data processing in, 12F345

in analysis of biological fluids, for metabolic profiling, data processing in. 12A15

in analysis of drugs, in urine, for classification of toxicity, chemometrics for, 12G23

in analysis of toxins, in urine, for classification of toxicity, chemometrics for, 12F72

in evaluation of stability of isotopomers, for detmn. of methylmercury, by HPLC-isotope dilution ICP MS, 12D92

in study of retention behaviour of steroids with calix[8]arene-based stationary phases, 12G158

probes for, in study of optical transparency of perfluorohydrocarbons,

nuclear materials, detmn. of carbon, hydrogen, nitrogen and oxygen in, by glow-discharge AES, optical interfaces for, 12E42

nuclear waste, detmn. of ethers in, by spectrophotometry, extraction in, 12H156

sepn. of americium, europium and plutonium in high-level solutions, by SPE, adsorbents for, 12H152 sepn. of caesium-137 and strontium-90 from, by ICP AES and liquid

scintillation counting, 12H142

nucleases, detmn. of, on poly(methyl methacrylate) surfaces, by MALDI MS. 12F299

nucleic acids, detection of, by voltammetry, biosensors for, 12F334 detection of, in biological cells, by fluorescence, molecular beacons for, 12F332

detection of specific sequences of, by fluorescence, duplex oligonucleotide probes for, 12F346 sepn. of enantiomers of peptide monomers of, capillary electrophoresis,

chiral selectors for, 12F365 nucleic acids, deoxyribo-, analysis of, by capillary electrophoresis,

analysis of mutations in, by capillary electrophoresis, instrumentation

for, evaluation of denaturating conditions in, 12F374

detection of bovine, in feeding stuffs, by multiplex PCR, 12H242

detection of damage of, sensors for, 12F341

detection of DNA-directed DNA polymerase interactions of, biosensors for, 12F358

detection of double-stranded, biosensors for, 12F338

detection of dynamics of, optical fibres for, 12F351

detection of hepatitis B virus, by fluorescence, duplex oligonucleotide probes for, 12F346

detection of hybridization of, by voltammetry, DNA probes for, 12F336 detection of hybridization of, microfluidic systems in, electrical signal amplification in, 12F355

detection of hybridization of, sensors for, 12F354

detection of multialleles and single nucleotide polymorphisms in, probes for, 12F344

detection of oligonucleotides of, sensors for, 12F343

detection of, sensors for, mathematical models for, 12F377

detection of sequences of, by surface enhanced resonance Raman scattering, 12F353

detection of underivatized, by voltammetry, electrodes for, 12F356 detmn. of, by PCR, review, 12F325

detmn. of, by resonance light scattering, 12F376

detmn. of human, in faeces, by PCR and spectrophotometry, in screening for colorectal cancer, 12F359

detmn. of hybridization of, sensors for, 12F373

detmn. of interaction of, with proteins, by non-equilibrium capillary electrophoresis, 12F215

detmn. of interactions of proteins with, sensors for, 12F201

detmn. of mutations of, sensors for, 12F337

detmn. of phosphorus in phosphorylated, by capillary electrophoresis and HPLC-ICP MS, 12F367

detmn. of, probes for, 12F328

detmn. of, probes for, binding activity and electron transfer kinetics of, 12F335

detmn. of, probes for, review, 12F347

sepn. of, by capillary electrophoresis, 12F323

sepn. of, by capillary electrophoresis, radial migration in, 12F331 sepn. of, by capillary electrophoresis, stationary phases for, 12B57 sepn. of, by microchip electrophoresis, 12F350

sepn. of double stranded fragments, by electrophoresis, matrices for, 12F375

sepn. of fragments of, microfluidic devices for, 12F370

sepn. of linear lambda phage and plasmid, by GPC and LC, sorbents

sepn. of restriction enzyme digests of, microfluidic systems for, 12F333 sequence analysis of, by PCR, 12F361

sequence analysis of, in nematode, by PCR, 12F363

sequence analysis of, light-induced molecular cutting for, 12F339

sequential analysis of, in cancer, by capillary electrophoresis and PCR, 12F364

single-strand conformation polymorphism analysis of, by electrophoresis, chemometrics for, 12F360

study of interaction of antineoplastics and Schiff bases with, in hepatocytes, by fluorescence microscopy, 12G113

study of interactions of, with photoactive transition metal complexes, by capillary electrophoresis, 12F366

study of interactions of, with tyrosine, by fluorescence, 12F348 nucleic acids, ribo-, detection of, in pathogens, biosensors for, 12F324

nucleic acids, ribo-, messenger, detection of Cryptosporidium parvum hsp70, DNA probes for, 12H67

detection of, in Bacillus anthracis spore, by bioassay, biosensors for, 12F322

detmn. of adenylate cyclase, in endothelial biological cells, by real-time PCR, 12F329

detmn. of L-lactate dehydrogenase, in cancerous biological cells, by capillary electrophoresis and PCR, 12F371

nucleotides, analysis of acid-base equilibria of, by NMR, data processing in, 12F345

characterization of polymorphisms in, by LC-electrospray MS, 12F321 nucleotides, oligo-, analysis of double-stranded, by MALDI MS, stabilization reagents for, 12F330

detection of, by sol-gel-assisted laser desorption-ionization MS, 12F340 detection of DNA, sensors for, 12F343

detection of, sensors for, 12F352

detmn. of conjugates of antisense, with peptides, by LC-MS and negative ionization electrospray MS, 12F372

sepn. of, by HPLC, stationary phases for, 12F369

study of interactions with homidium derivatives with G-quadruplexconformed, by surface-enhanced Raman spectrometry, 12F342

0

odorous substances, detection of, in biological materials, drugs and explosives, by SPME-GC, 12G22

detection of, sensors for, information coding in, 12A59 identn. of, in Citrus inflata peel essential oils, by GC, GC-MS and GC-olfactometry, 12E100

oestriol, detmn. of trace, in plasma, by GC-MS, internal analytical standards for, 12F155

oestrogen receptor, analysis of interactions of endocrine disruptors with, by fluorescence polarization receptor assay, 12F151

oestrogens, detmn. of, in water, by GC-tandem MS, effect of sewage discharge on, 12H90

olanzapine, detmn. of, by HPLC, spectrophotometry and voltammetry, 12G131

oleanolic acid, detmn. of, in medicinal plants, by GC, SPE in, 12G206 oleic acid, detmn. of, by 2D correlation spectrometry, 12C69

oligosaccharides, characterization of, by MALDI TOF TOF tandem MS, 12F119

measurement of angiotension I enzyme inhibitory activity of partially deacetylated heterochito-, by spectrophotometry, 12F128

olive, identn. of proteins in leaf, by immunoblotting and SDS-PAGE, extraction in, 12H212

olive oil, detmn. of aroma compounds in virgin, by GC, role of olive seed in synthesis of, 12H312

detmn. of elements in virgin, by flow-injection ICP MS, 12H315 detmn. of pesticides in, by GC-MS, GPC and HPLC-MS, 12H303

detmn. of phenols in extra-virgin, by CZE, detectors for, 12H323 detmn. of poly(ethylene terephthalate) oligomers in, by HPLC and LC-MS, 12H307

omeprazole, detmn. of, and its degradation products, by derivative pectrophotometry, 12G161

ophthalmic preparations, detmn. of betaxolol and timolol in, by TLC, detection in, 12G146

opiates, detmn. of, in meconium, by LC-MS, validation of, 12G61 optical fibres, pin-fibre video scope, in detection of DNA dynamics,

optimization, Modified Simplex, of analytical methods, 12D70

of chiral resolution, in capillary electrophoresis, chemometrics in, 12B58, 12B59

of detection of dipeptides, in biological materials, by capillary electrophoresis, 12F277

of GPC-ICP MS, in speciation of vanadium, in serum, 12G257

of HPLC, for detmn. of telmisartan, in urine, experimental design approach for, 12G154

of HPLC, with diode-array detection, mutual peak matching for, 12B27 of magnetic field configuration, in production of argon ions, in electron cyclotron resonance MS, 12C88

of micellar LC, in sepn. of anabolic agents and corticosteroids, 12G179 of multilayer optical coatings, hybrid genetic algorithm-tabu search approach for, 12E13

of receptor assay, for detection of paralytic shellfish poisoning toxins, in shellfish, 12H296

of SIMS, in MCs," mode, instrumentation for, 12C90

of stacking, in detmn. of glutathione, in plasma, by isotachophoresis, 12F279

orchard grass, detmn. of silica in, by AAS, Raman spectrometry, SEM, X-ray spectrometry and XRD, 12H204

organic compounds, analysis of adsorption of, on activated carbon, by membrane introduction MS, SPE in, 12A39

analysis of phosphorylated, by MALDI TOF MS, reagents for, 12F288 chiral sepn. of, by MEKC, stationary phases for, 12B60

detection of, by CCP AES, instrumentation for, 12C37

detmn. of, as packaging materials, in pharmaceuticals, by chromatography, review, 12G9

detmn. of, as toxic impurities in pharmaceuticals, by GC, SPME in, 12G13

detmn. of, by stopped-flow GC-TOF MS, 12B8

detmn. of, in ant pheromones, by GC-MS, SPME in, 12F161

detmn. of, in Phyllanthus urinaria Chinese medicinal herbs, by frontal immunoaffinity chromatography and MS, 12G199

detmn. of, in clove bud and leaf essential oils, by GC and GC-MS, in study of insecticidal properties, 12G224 detmn, of, in environmental materials, review, 12H123

detmn. of, in Pimpinella junoniae essential oils, by GC and GC-MS, 12E108

detmn. of, in ginseng, by GC, 12H236

detmn. of, in profenofos, by HPLC, 12H200

detmn. of, in tea, sensors for, chemometrics in, 12H371

detmn. of, in water, by HPLC, TLC in, 12H88

extraction of, from environmental materials, review, 12H17

identn. of, in basil, Laurus nobilis, myrtle and Thymus capitatus essential oils, by GC-MS, in study of antimicrobial activity, 12G211

identn. of, in bayberry species essential oils, by GC-MS, 12E98

identn. of, in Lippia grandis essential oils, by GC and GC-MS, 12G215 identn. of, in Medicago marina essential oils, by GC and GC-MS, 12G220

identn. of, in Aloysia polystachya essential oils, by GC and GC-MS, effects of rust disease on, 12G218

identn. of, in Artemisia vulgaris essential oils, by GC-MS, 12G217 identn. of, in Conyza canadensis essential oils, by GC-MS and NMR, 12G210

identn. of, in Lantana camara fruit and stem essential oils, by GC-MS,

identn. of, in prickly juniper essential oils, by GC-MS, SFE in, 12G213 identn. of, in shellac, by GC-MS, 12E119

identn. of, in weeping bottlebrush leaf essential oils, by GC and GC-MS, 12H213

of, by capillary electrochromatography, in study of sepn. mechanism, 12B33

sepn. of, by GC, stationary phases for, 12B9

sepn. of, in pharmaceuticals, by GC, stationary phases for, effect of water vapour on, 12G16

sepn. of weakly acidic, by capillary electrophoresis, sample stacking in, 12D96

organic compounds, chloro-, detmn. of, in water, by GC-MS and HPLC, extraction in, 12A44

organic compounds, halogen, detmn. of, in geological materials and soil, by GC, ultrasound extraction in, 12E54

organic compounds, semivolatile, detmn. of, in air and water, by GC-MS and MS, membrane interfaces for, 12H41 detmn. of, in water, by GC-MS, 12H119

organic compounds, volatile, detection of, in air, by intra-cavity laser spectrometry, 12H38

detmn. of, in air and water, by GC-MS and MS, membrane interfaces for, 12H41

detmn. of, in air, by ion-trap MS, 12H33

detmn. of, in air, by ion-trap MS, SPME in, 12H40 detmn. of, in atmosphere, by GC, data processing in, for study of relationships with transient high ozone formation, 12H36

detmn. of, in dairy products, sensors for, review, 12H325 detmn. of, in exhaled breath, by GC-MS, SPME in, 12F98

detmn. of, in honey, by GC, SPME, 12H278

detmn. of in Picea orientalis needles and wood, by GC-MS, 12H214

detmn. of, in Scrophularia ningpoensis root essential oils, by GC and GC-MS, 12G214

detmn. of, in tea, sensors for, chemometrics in, 12H371

detmn. of, in water, by GC-MS, 12H119

detmn. of reaction products, with ozone, in indoor air, by GC and HPLC, 12H44

detmn.of, in air, by GC, GC-MS and ion chromatography, 12H47

identn. of, in bergamot essential oils, by GC-MS, SFE in, 12E99 identn. of, in Pelargonium graveolens essential oils, by 2D GC-MS, 12E90

identn. of, in Juniperus communis essential oils, by GC-MS, 12G216 identn. of, in Callitris intratropica leaf essential oils, by GC and GC-MS, 12E97

identn. of, in Lantana camara leaf essential oils, by GC and GC-MS. 12G212

identn. of, in Antidesma laciniatum leaf essential oils, by GC and GC-MS, 12H217

identn. of, in Altingia excelsa leaf essential oils, by GC-MS, 12G219

of, in Curcuma caesia rhizome essential oils, by GC-MS, 12G221

identn. of, in soya bean, by GC-MS, SPME in, 12H219

identn. of, in Schisandra chinensis traditional chinese medicines, by GC-MS, SPME in, 12G205

sampling of, in air, by SPME, calibration of, 12H39

organic matter, characterization of, in waste solids, by diffuse reflectance FTIR spectrometry and NMR, extraction in, 12H147

organometallic compounds, sepn. of enantiomers of, by HPLC, stationary phases for, 12D94

organoselenium compounds, identn. of, in coffee, by GC-ICP MS, SPME in, 12H365

speciation of, by particle beam/hollow cathode AES, 12D90

speciation of volatile, in garlic, by SPME-AAS and SPME-ICP MS. 12H376

organotin compounds, detmn. of, in mussels, sediments and water, by low-pressure GC-tandem MS, 12H30

oxalate, detmn. of, sensors for, 12D116

oxazaphosphorines, detmn. of, and their metabolites, in biological materials, by GC-MS and LC-MS, review, 12G111

oximes, O-methyl-, sepn. of, by TLC, quantitative structure-property relationships in, 12F158

oxycodone, detmn. of metabolites of, in bile and urine, by GC, 12G57 oxygen, detmn. of, in nuclear materials, by glow-discharge AES, optical

interfaces for, 12E42 detmn. of, sensors for, 12A86

measurement of diffusion of, in polymers, by luminescence quenching, mathematical models for, 12A14

measurement of isotope ratios of, in dissolved air, by dual-inlet MS, 12H35

oxytetracycline, detmn. of, in veal, by HPLC-electrospray MS, 12H284 oyster, detmn. of mercury and tin in, by GC-ICP MS, sample prep. in,

detmn. of methylmercury in, by GC-AFS, 12H5

ozone, detmn. of, in air, by flow-injection chemiluminescence, 12H37 detmn. of reaction products, with VOC, in indoor air, by GC and HPLC,

study of chemistry of cationic and neutral, in atmosphere, by MS, review, 12H126

packaging materials, detmn. of, in pharmaceuticals, by chromatography,

paclitaxel, detmn. of, in plasma, by LC-tandem MS, extraction in, 12G118 paints, detmn. of palladium, titanium and zinc in lead-based, by XRF,

detmn. of trace elements in automotive, by laser ablation ICP MS, 12E76

palladium, detmn. of, in paint, by XRF, 12E103

detmn. of, in water, by AAS, extraction in, 12H130

detmn. of trace, in geological and metallurgical materials, by flowinjection SPE-flame AAS, 12E58

palm oil, detmn. of di- and triglycerides in, by HPLC-APCIMS, 12E106 Panax notoginseng, detmn. of flavonoids, ginsenosides and polysaech-arides in root of, by HPLC and spectrophotometry, 12G223 detmn. of saponins in, by HPLC, detectors for, 12G228

pancreas, detmn. of trace elements in, by GPC and ICP MS, 12F43 pantoprazole sodium, detmn. of, and its degradation products, by derivative spectrophotometry, 12G161

pantothenic acid, detmn. of, in foods, by LC-electrospray MS, 12H258 pantothenic acid calcium salt, analysis of, by HPLC, validation in,

paprika, detmn. of carotenoids in dried, by HPLC, 12H341 paracetamol, detmn. of 4-aminophenol in, by HPLC, 12G48

detmn. of, in biological materials, by immunoassay, 12G58

parenteral solutions, detmn. of Tween 80 in, by HPLC, 12G230 particles, detmn. of micro-, in blood platelets, by capillary electrophoresis and flow cytometry, detectors for, 12F42

measurement of velocity of flowing, by capillary electrophoresis, microfluidic systems for, 12A99

sepn. of, by magnetic split-flow thin fractionation, mathematical models for, 12A35

particles, nano-, detmn. of interaction of gold, with IgG, by Hyper-Rayleigh light scattering, 12F178 in bioanalytical chemistry, review, 12A1

Parus caeruleus, detmn. of octachlorostyrene in, by GC-MS, 12H26 Parus major, detmn. of octachlorostyrene in, by GC-MS, 12H26

pathogens, detection of RNA in, biosensors for, 12F324

patulin, detmn. of, in apple juice, by LC - AP-photoionization MS, column-switching in, 12H370

pea, detmn. of carboxylic acids in root of, by LC, 12H229

detmn. of solasonine in frozen, by LC, as an indicator of nightshade contamination, 12H346

peanut, detmn. of aflatoxins in, by ELISA and LC-MS, extraction in,

peanut oil, detmn. of oxidized triglycerides in, by GPC and LC, effect of refining process on, 12H309

pear, detmn. of ascorbic acid in, by HPLC, extraction in, effect of storage on, 12H338

peat, detmn. of antimony in, by hydride generation AFS, 12H224 detmn. of humic substances in, by LC, 12H182

Pelargonium graveolens, identn. of VOC in essential oils of, by 2D GC-MS 12F90

penicillamine, detmn. of, in plasma, by HPLC, 12F297

pentaerythritol tetranitrate, detmn. of, by chemiluminescence EIA,

pentazocine, detmn. of, in plasma, by LC-MS, 12G55

pentosan polysulphate sodium, characterization of, by IR spectrometry, chemometrics for, 12G208

pepper (Piper nigrum), identn. of capsaicins, gingerols and piperine derivatives in, by NMR, extraction in, 12H375

peppermint, detmn. of antioxidants in, by LC, 12H374 detmn. of menthol enantiomers in, by GC, extraction in, 12H227

peptides, analysis of, by MS, ionization methods for, surface-activated CI as, 12C89

analysis of phosphorylated, by MALDI TOF MS, reagents for, 12F288 concentration of, microfluidic systems for, 12F213

detection of methionine- and methionine sulfoxide-containing, by MALDI MS, SPE in, 12F291

detmn. of conjugates of, with oligonucleotides, by LC-MS and negative ionization electrospray MS, 12F372

detmn. of phosphoserine and phosphothreonine in, by MALDI TOF MS, 12F163

detmn. of TAPP tetra-, by capillary electrophoresis, 12F274

identn. of, by MALDI MS, instrumentation for, 12C66

measurement of binding constants of, on microarrays, by fluorimetric titrimetry, 12F202

monitoring antibody interaction with FLAG, biosensors for, 12A71 monitoring of dimerization and unfolding of, by HPLC, stationary phases for, 12F262

monitoring of folding and stability of α-helical, by HPLC, 12F264

sepn. of amphipathic α-helical, by HPLC, hydrophobic-interaction chromatography and ion-exchange chromatography, comparison of methods for, 12F265

of angiotensin-1-converting-enzyme inhibiting, in digested spinach, by HPLC, 12H339

sepn. of, by electrochromatography, stationary phases for, 12F266 sepn. of, by HPLC, temperature selectivity effects on, 12F267

sepn. of, by microchip electrophoresis-MS, interfaces for, 12F268

sepn. of synthetic, by CZE, 12F263

study of mapping of, by HPLC, columns for, 12F256

peptides, di-, detection of Gly-Pro, in biological materials, by capillary electrophoresis, optimization in, 12F277 sepn, of enantiomers of, by electrochromatography, 12F243

peptides, tri-, sepn. of enantiomers of, by electrochromatography, 12F243 perfumes, analysis of, current awareness in, 12E101

perovskites, detmn. of cobalt and manganese in mixed sintered, by ICP

peroxide, benzoyl, detmn. of, in pharmaceuticals, by LC, 12G76 persulfate, detmn. of, in hair bleaching products, by flow-injection chronoamperometry, electrodes for, 12E116

pervaporation, online, in detmn. of ammonia, in beer, by flow-injection spectrophotometry, 12H373

pesticides, detmn. of acidic, in water, by GC-MS and HPLC, 12H104 detmn. of, biosensors for, 12A70

detmn. of, by fluorimetry, chemometrics for, 12H197

detmn of, in air, sensors for, 12H56

detmn. of, in biological materials, by LC-MS, review, 12G30 detmn. of, in confined atmosphere, by SPME-GC-MS, 12H50

detmn. of, in Korean crops, by GC, detection in, 12H225

detmn. of, in olive oil, by GC-MS, GPC and HPLC-MS, 12H303

detmn. of, in post-harvest French bean plants, by low-pressure GCtandem MS, extraction in, 12H226

detmn. of, in water, by flow-injection amperometry and flow-injection spectrophotometry, 12H65 detmn. of, in wine, by HPLC, SPE in, 12H356

pesticides, organochlorine, detmn. of, by GC, large-volume injection for, 12H202

detmn. of, in leek and soil, by GC, 12H344

detmn. of, in water, by GC, 12H119 detmn. of, in water, by GC-ECD, SPME in, 12H111

pesticides, organophosphorus, detmn. of, and their metabolites, in urine, by HPLC-electrospray tandem MS, 12F63

detmn. of, in air, extraction in, 12H43

detmn. of, in water, by GC-ICP MS, optimization of, 12H99

pesticides, phenylurea, detmn. of, in water, by HPLC, SPME in, 12H110 pesticides, urea, sepn. of, by TLC, retention-mobile phase composition relationships in, 12H201

petroleum, analysis of, by GC-MS, 12E75

analysis of, sensors for, chemometrics in, 12E75

detmn. of arsenic and tellurium in, by AAS, sample prep. in, 12E72 detmn. of PAH in fractions of, from pyrolysis of sludge, by GC-MS, 12E74

pH, measurement of, electrodes for, silicon-based, characterization of, 12D46

measurement of, in strawberry, 12H331

measurement of, sensors for, 12D45

measurement of, sensors for, fabrication of, 12D41

pharmaceutical preparations, analysis of, by HPLC, validation in,

detmn. of acetylsalicylic acid in, by DSC and HPLC, 12G46

of ambroxol, bromhexine and clenbuterol in, by HPLC, detection in, 12G11

detmn. of 4-aminophenol in analgesic, by HPLC, 12G48

detmn. of anastrozole, letrozole and tamoxifen in, by GC, 12G107

detmn. of antimalarials in, by TLC-densitometry, 12G122

detmn. of apomorphine in, by flow-injection differential pulse voltammetry, 12G200

detmn. of ascorbic acid in, ISE for, 12A69

detmn. of ascorbic acid in, sensors for, 12G171

detmn. of aspirin, caffeine and salicylic acid in, by HPLC, 12G42

detmn. of aspirin in, by flow-injection capillary electrophoresis, 12G52

detmn. of aspirin in, ISE for, 12D57

detmn. of atorvastatin in, by spectrophotometry, 12G202 detmn. of ATP in, by flow-injection chemiluminescence, 12G1

of bacitracin zinc, phenylephrine and prednisolone in, by MEKC, 12G4

detmn. of benzoyl peroxide and erythromycin in, by LC, 12G76

detmn. of berberine in, by total internal reflection fluorimetry, 12G196 detmn. of bromine-, chlorine-, and iodine compounds in, by HPLC and ICP MS, nebulizers for, 12G7

detmn. of calcium dobesilate in, by flow-injection chemiluminescence, 12G245

detmn. of candesartan cilexetil and hydrochlorothiazide in, by HPLC,

detmn. of cefoperazone in, by square-wave voltammetry, electrodes for, 12G17

detmn. of celecoxib in, by fluorimetry, 12G37

detmn. of cephalexin in, by bioassay, LC and MEKC, 12G74

detmn, of chlorpheniramine maleate and emetine hydrochloride in, by LC. 12G100

detmn. of chromium(III) in vitamin, by differential pulse voltammetry, electrodes for, 12G169

detmn. of cimetidine in, by flow-injection spectrophotometry and spectrophotometry, 12G162

detmn. of cobalt in, by AAS, SPE in, 12D29

detmn. of colchicine in, sensors for, 12G97

detmn. of corticosteroids in, by MEKC, 12G192

detmn. of creatine and creatinine in, biosensors for, 12F399

detmn. of cysteine in, by cyclic voltammetry, electrodes for, 12F207 detmn. of dextropropoxyphene and dipyrone in, by spectrophotometry, mathematical models for, 12G36

detmn. of dihydromorphine and morphine in, by HPLC, columns for,

detmn. of dipyridamole in, by phosphorimetry, 12G137

detmn. of dipyrone in, by flow-injection spectrophotometry, 12G44 detmn. of dothiepin hydrochloride in, by spectrophotometry, reagents for, 12G84

detmn, of doxycycline and impurities in, by LC, 12G73

detmn. of drugs in, by electrochemical analysis, review, 12G18

detmn. of enalapril maleate in, by flow-injection chemiluminescence, reagents for, 12G148

detmn. of ephedrine derivatives in, by GC, 12G193

detmn. of fenpiverinium bromide in, by spectrophotometry, 12G91

detmn. of folic acid in, by HPLC and spectrophotometry, 12G175

detmn. of furazolidone in, sensors for, 12G123

detmn. of hydrochlorothiazide and irbesartan in, by second-derivative spectrophotometry, 12G138

mn. of hydrocortisone, methyl hydroxybenzoate and propyl hydroxybenzoate in, by HPLC, 12G157

detmn. of impurities in, by LC and LC-MS, 12G14

detmn. of lamivudine in, by HPLC, stationary phases for, 12G127

detmn. of manganese in, by spectrophotometry, reagents for, 12G170 detmn. of metformin in, by flow-injection chemiluminescence, 12G201 detmn, of 3-methoxyxanthone and xanthone in, by HPLC, validation in, 12G225

detmn, of naproxen and its degradation products in, by HPLC, columns for, 12G49

detmn. of olanzapine in, by HPLC, spectrophotometry and voltammetry, 12G131

detmn. of organic compounds as toxic impurities in, by GC, SPME in,

detmn. of packaging materials in, by chromatography, review, 12G9 detmn. of phenothiazine derivatives in, by turbidimetry, 12G3

detmn. of quetiapine in, by CZE and spectrophotometry, quality control in, 12G132

detmn. of riboflavine sodium phosphate in, by voltammetry, 12G173 detmn. of salbutamol enantiomers in, by capillary electrophoresis, 12G190

detmn. of salbutamol sulphate in, by spectrophotometry and titrimetry, reagents for, 12G188

detmn. of salicylate in, ISE for, 12G53

detmn. of tramadol in, by flow-injection square-wave voltammetry,

detmn. of Tween 80 in, by HPLC, 12G230

detmn. of ursodeoxycholic acid in, by capillary electrophoresis, 12G236 identn. of enantiomers of optically active drugs in, by HPLC-circular dichroism, 12G12

screening of, high-throughput, review, 12G2

sepn. of drug enantiomers in, by capillary electrophoresis, electrochromatography or LC, review, 12G19

sepn. of drug enantiomers in, by electrochromatography, stationary phases for, 12G6

sepn. of organic compounds in, by GC, stationary phases for, effect of water vapour on, 12G16

study of dissolution of piroxicam in, by differential pulse polarography, 12G39

pharmaceutical raw materials, detmn. of ursodeoxycholic acid in, by capillary electrophoresis, 12G236

phenethyl alcohol, 4-hydroxy-, detmn. of, in Rhodiola crenulata and Rhodiola kirilowii, by CZE, 12G198

phenol, detmn. of, biosensors for, 12D127

detmn. of, by cyclic voltammetry, electrodes for, 12D126 detmn. of, in water, by spectrophotometry, 12H60 sepn. of, by CZE, mobile phases for, 12D136

study of adsorption-desorption hysteresis of, by LC, stationary phases for, mathematical models for, 12D134

phenol, 4-amino-, detmn. of, in paracetamol, by HPLC, 12G48

Phenol Blue, analysis of sorption of, in acetonitrile/water, adsorbents for, 12B2

phenol, 2-chloro-, detmn. of photolysis products of, in ice, by GC, GC-MS or HPLC, 12H89

phenol, 4-chloro-, detmn. of photolysis products of, in ice, by GC, GC-MS or HPLC, 12H89

phenol, 2,4-dichloro-, detmn. of, in soya bean and Triticum aestivum, by HPLC-MS, 12H218

phenol, 4-nitro-, detmn. of, in water, biosensors for, 12H84

phenol, 4-nonyl-, detmn. of, in waste water and water, by GC-MS, SPME in, 12H120

detmn. of, in water, by LC-MS, SPE in, 12H82

phenol, nonyl-, detmn. of, and its ethoxylates, in sediments and water, by LC-tandem MS, 12H69

detmn. of, in carp, sediments and water, by GC-MS, HPLC and HPLCelectrospray tandem MS, 12H20

detmn. of, in semen, by capillary electrophoresis and HPLC, 12F76 detmn. of, in waste water and water, by HPLC, membrane extraction in. 12H124

phenol, octyl-, detmn. of, and its ethoxylates, in sediments and water, by LC-tandem MS, 12H69

phenol, pentachloro-, detmn. of, in asparagus, by GC-MS, 12H353 detmn. of, in water, by HPLC, 12H119

phenol, 4-t-octyl-, detmn. of, in waste water and water, by HPLC, membrane extraction in, 12H124

phenol, tribromo-, detmn. of, in asparagus, by GC-MS, 12H353 phenols, detmn. of, in extra-virgin olive oil, by CZE, detectors for,

detmn. of, in prickly pear juice, by spectrophotometry, 12H340

detmn. of, in trout, by GC-MS, 12H286

detmn. of, in waste water, biosensors for, 12A56

detmn. of, in water, by HPLC, derivatizing reagents for, 12H103

detmn. of, in wine, by HPLC, effect of storage on, 12H360

detmn. of, in wine, by LC, SPE in, 12H355

detmn. of iodine derivatives of, in water, by GC-ICP MS, SPME in, 12H101

detmn.of, in lettuce, by bioassay and HPLC, 12H335

sepn. of, by capillary electrophoresis, preconcentration in, computer programs in, 12D128

phenols, alkyl-, detmn. of, in carp, sediments and water, by GC-MS,

HPLC and HPLC-electrospray tandem MS, 12H20 detmn. of, in eggs and fish, by LC-electrospray MS, extraction in, 12H298

detmn. of, in plasma, by bioassay, study of dietary exposure, 12F157 detmn. of, in sediments, by GC-MS, extraction in, 12H184

detmn. of, in waste water and water, by HPLC, membrane extraction in. 12H124

phenols, alkylethoxy-, detmn. of, in eggs and fish, by LC-electrospray MS, extraction in, 12H298

detmn. of, in waste water and water, by flow-injection EIA, 12H76 detmn. of, in waste water and water, by HPLC, membrane extraction in, 12H124

phenols, chloro-, detmn. of, in coking plant waste water, by GC-MS,

detmn. of, in sediments, by GC-MS, extraction in, 12H184 detmn. of, in soil, by GC-ECD, SPME in, 12H183

sepn. of, by capillary electrophoresis, sample stacking in, 12D96

phenols, nonyl-, detmn. of, in carp, sediments and water, by GC-MS, HPLC and HPLC-electrospray tandem MS, 12H20 detmn, of, in environmental materials, review, 12H123

phenols, nonyl-, ethoxy-, detmn. of, in carp, sediments and water, by GC-MS, HPLC and HPLC-electrospray tandem MS, 12H20

phenothiazine derivatives, detmn. of, by LC and LC-MS, electrochemical analysis in, 12G130

detmn. of, in pharmaceuticals, by turbidimetry, 12G3

phenylalanine, detmn. of, in foods, by LC-MS, 12H260 differentiation of natural and synthetic, by NMR, 12F247

phenylephrine, detmn. of, in pharmaceuticals, by MEKC, 12G4 pheromones, detmn. of organic compounds in ant, by GC-MS, SPME in, 12F161

pholedrine, detmn. of, and its metabolites, in urine, by capillary electrophoresis-MS, 12G183

phosphate, detmn. of, by fluorimetry, 12D10

detmn. of, in hydroponic solutions, by flow-injection potentiometry, detectors for, 12D80

detmn, of, in water, sensors for, 12H64

synthesis of thiourea-based hydrogen-bond ionophores for transport of,

phosphatidylcholines, detmn. of, in plasma, by HPLC, 12F143

phosphatidylethanolamines, detmn. of, in plasma, by HPLC, 12F143 phosphatidylinositols, detmn. of, in plasma, by HPLC, 12F143

phosphinic acid, (R)-3-amino-2-fluoropropyl-, detmn. of, in plasma, by LC-tandem MS, 12G248

phospholipids, detmn. of, in plasma, by HPLC, 12F143

phosphonic acid, (aminoalkyl)-, sepn. of enantiomers of, by capillary electrophoresis, chiral selectors for, 12D121

phosphonic acid derivatives, organo-, sepn. of enantiomers of, by HPLC, retention prediction in, mathematical models for, 12D113 sepn. of enantiomers of, by LC, stationary phases for, 12D130

phosphonic acid, methyl-, alkyl esters, detmn. of, in plasma and urine, by GC-MS, derivatization in, 12F130

phosphoric acid, detmn. of uranium in, by gamma-ray spectrometry, 12F45

extraction of uranium from wet process, by liquid-emulsion membrane extraction, reagents for, 12E46

phosphoric acid alkyl esters, detmn. of, in plasma, by GC, membrane extraction in, 12F107

detmn. of tri-, in plasma, by GC-MS, extraction in, 12F65

phosphoric acid bis-(2-ethylhexyl) ester, detmn. of products, in radioactive waste, by HPLC-MS, 12E44

phosphoric acid 2-ethylhexyl ester, detmn. of, as radiolytic products, in radioactive waste, by HPLC-MS, 12E44

phosphorimetry, heavy atom-induced, in detmn. of dipyridamole in pharmaceuticals, 12G137

phosphorus, characterization of, as anti-reflective coatings in solar cells, by MS, 12E26

detmn. of, in DNA, by capillary electrophoresis and HPLC-ICP MS, 12F367

detmn. of, in road sediments, by spectrophotometry, 12H187 detmn. of, in silicon, by radiochemical NAA, 12E12

measurement of ratio to calcium of, in food, by ICP MS, 12H256

phosphoserine, detmn. of, in peptides and proteins, by MALDI TOF MS. 12F163

photocopying toners, analysis of, by IR spectrometry, chemometrics in.

analysis of, by IR spectrometry, libraries for, 12E77

analysis of, by pyrolysis-GC-MS and SEM, chemometrics in, 12E79

photographic films, detmn. of silver in, ISE for, 12D36

photographic materials, detmn. of ascorbate in, by isotachophoresis,

detmn. of silver in, ISE for, 12D36

phthalic acid bis-(2-ethylhexyl) ester, detmn. of, and its metabolites, in plasma, by HPLC, 12F75

phthalic acid esters, detmn. of, in soil, by GC, 12H189

phthalide, 3-butyl-, detmn. of, in plasma, by HPLC, 12G252

phthalides, identn. of, in Chinese traditional medicines, by HPLC-APC1

phycobiliproteins, extraction of, from cyanobacteria, cell disruption in, 12F176

phycotoxins, detmn. of, by immunoassay, antibodies for, characterization

Phyllanthus urinaria, detmn. of organic compounds in, by frontal immunoaffinity chromatography and MS, 12G199

physostigmine, detmn. of, biosensors for, 12A70

phytic acid, speciation of alkali-metal complexes of, by potentiometry, 12F382

phytochelatins, characterization of acid-base and redox chemistry of, by NMR, 12F186 of carbon-13-labelled, in serum, by

phytomenadione, detmn. LC-APCIMS, in study of bioavailability in kale, 12F390 Picea orientalis, detmn. of VOC in needles and wood of, by GC-MS,

12H214

Pimpinella junoniae, detmn. of organic compounds in, by GC and GC-MS, 12E108

pipecolic acid, detmn. of enantiomers of, in serum, biosensors for, 12F74 piperine, characterization of metabolite of, in urine, by HPLC-electrospray MS, 12F108

piperine derivatives, identn. of, in chilli, ginger and pepper (Piper nigrum), by NMR, extraction in, 12H375

piroxicam, detmn. of, in serum, by fluorimetry, chemometrics for, 12G67 detmn. of, in serum, by fluorimetry, SPE in, 12G67

study of dissolution of, in pharmaceuticals, by differential pulse polarography, 12G39

pistachio nut oil, detmn. of di- and triglycerides in, by HPLC-APCIMS, 12E106

plants, detmn. of americium and plutonium in, by alpha-particle spectrometry, 12H192

detmn. of antimony in, by hydride generation AFS, 12H224

detmn. of arsenic in, by hydride generation-ET AAS, chemical modifiers for, 12H210

detmn. of di- and triglycerides in essential oils of, by HPLC-APCIMS, 12E106

detmn. of dichloroacetic acid and TCA in, by GC-MS, 12H25

detmn. of hydrogen peroxide in, biosensors for, 12H205

detmn. of oleanolic and ursolic acids in medicinal, by GC, SPE in, 12G206

detmn. of pesticides in post-harvest French bean, by low-pressure GCtandem MS, extraction in, 12H226

detmn. of salicylic acid and related compounds in Arabidopsis, by capillary electrophoresis, 12H209

speciation of arsenic in, by HPLC-ICP MS, 12H4

plasma, inductively coupled, micro-, in detmn. of sulfur dioxide, 12D85 study of droplet heating and desolvation in, mathematical models for, 12C4

plasmas, analytical, analysis of glow-discharge, by light scattering, instrumentation for, 12C2

analysis of glow-discharge, by vacuum UV FT spectrometry, effect of nitrogen on, 12C1

platinum, detmn. of, by flame AAS, preconcentration in, 12D88 detmn. of, in water, by AAS, extraction in, 12H130

platinum ores, detmn. of metals in, by AES, sample prep. in, 12E68 platinum-group metals, detmn. of, in environmental and geological materials, by ICP MS, sample prep. in, 12H23

detmn. of, in geological materials, by isotope dilution-ICP MS, correction factors in, 12E49

detmn. of, in road dust, serum and urine, by flow-injection ICP MS, online preconcentration in, 12F94

plum, detmn. of I-methylcyclopropene in, by colorimetry and GC, effect on shelf life, 12H336

plutonium, depth profiling of, in soil, by α -particle spectrometry, γ -ray spectrometry and ICP MS, 12H191

detmn. of, in foods, by ICP MS, ultra-sonic nebuliser for, 12H263 detmn. of, in plants and soil, by alpha-particle spectrometry, 12H192 sepn. of, in nuclear waste, by SPE, adsorbents for, 12H152

plutonium-239, detmn. of, in urine, by ICP MS, introduction system in, 12F91

measurement of ratio of plutonium-240 to, by multi-collector ICP MS, 12D61

plutonium-240, measurement of ratio of, to plutonium-239, by multi-collector ICP MS, 12D61

poisons, detmn. of, in biological materials, by LC-MS, review, 12G30 detmn. of, in urine, biosensors for, 12F96

identn. of, in biological materials, by LC-MS, review, 12G29 polar compounds, sepn. of, from aqueous solutions, SPE in, 12D111

polarimetry, in X-ray astronomy, review, 12C3 polarography, differential pulse, in study of complexation of zinc ion

with sulfur-containing amino-acids, 12F235 pollutants, detection of polar, in waste water and water, by LC-electro-

spray MS, sequential SPE in, 12H114 detmn. of, in environmental materials, by chiral GC and chiral HPLC.

overview, 12H1 detmn. of organic, in environmental materials, review, 12H123

detmn. of organic persistent, in plasma, by GC-MS, 12F104

detmn. of persistent organic, in plasma, by GC, after consumption of traditional Norwegian fish dishes, 12F102

polyamines, measurement of protonation constants of fluorinated, by NMR, computer programs for, 12D114

polyethylene, detmn. of, by Raman spectrometry, 12C69 detmn. of PEG in low-density, by LC, 12B39

poly(ethylene terephthalate), detmn. of oligomers of, in olive oil, by

HPLC and LC-MS, 12H307

polymer additives, detmn. of, by chromatography, review, 12E110

polymerase chain reaction, competitive reverse-transcription, in assay of subfamily 1A sulfotransferases, in hepatoma biological cells, 12F303 for detection of 18-locus Y-short tandem repeat chromosomes, in biological materials, 12F326

in detmn. of DNA, review, 12F325

microfluidic systems for, macroscopic interfaces in, 12A51 multiplex, in detection of bovine DNA, in feeding stuffs, 12H242

real-time, in detmn. of adenylate cyclase mRNA, in endothelial biological cells, 12F329

single multiplex reverse-transcription, in expression profiling analysis of glycosyltransferase genes, 12F362

polymers, analysis of blends of, by Raman spectrometry, data processing in, 12E92

characterization of blends of, by GPC and MALDI MS, 12E81

characterization of, by multiangle light scattering, estimation of molar mass and radius in, mathematics for, accuracy of, 12C11

detmn. of brominated fire-retardant materials in, by GC-MS and HPLC, extraction in, 12E85

detmn. of brominated fire-retardant materials in, by GC-MS and HPLC, SFE in, 12E85 detmn. of fluorine compounds in fluoro-, by MS and NMR, 12E88 measurement of charge of, by contact electrification, 12E84 measurement of oxygen diffusion in films of, by luminescence,

mathematical models for, 12A14
poly(methyl methacrylate), detmn. of nucleases and proteases on surfaces of, by MALDI MS, 12F299

poly(N-methylacrylamide), detmn. of, by 2D correlation spectrometry, 12C69

polyoxyethylene glycol, detmn. of, in low-density polyethylene, by LC, 12B39

polypeptides, analysis of, by SDS-PAGE, reference peptides for, 12F177 polyphenols, detmn. of, in grape, by LC-MS, 12H352

detmn. of, in tea, biosensors for, 12H368

study of, in wine, by LC-MS and MS, review, 12H369

polysaccharides, detmn. of, in Panax notoginseng root, by HPLC and spectrophotometry, 12G223

sepn. of, in linseed mucilage, by GPC and ion-exchange chromatography, 12H211

poly(vinylehloride), detmn. of thermo-oxidative degradation products of, by GC-MS, sampling in, 12E86

poppy, detmn. of alkaloids in, by HPLC and HPTLC, 12H234

poppy-seed oil, detmn. of di- and triglycerides in, by HPLC-APCIMS, 12E106

pork, detmn. of antibiotics in, by capillary electrophoresis, 12H302 detmn. of sulphadimidine in, by HPLC, 12H297

detmn. of tetracyclines and their 4-epimers in, by HPLC-electrospray MS, 12H282

porphine, tetraphenyl-, detmn. of, at liquid-liquid interfaces, by partial reflection spectrometry, 12E7

porphyrins, meso-tetraphenyl-, detmn. of, by TLC, 12F319 porpoise, detmn. of enantiomers of PCB atropisomers in liver of, by GC and GC-MS, for environmental monitoring of sea water, 12H117 detmn. of octachlorostyrene in, by GC-MS, 12H26

potassium, detmn. of, ISFET for, 12D38 potassium-40, detmn. of, in thermo-mineral spring water, by γ-ray spec-

trometry, 12H115
potassium oxide, extraction of, from fertilizers, 12H199
potato, detmn. of metals in, by AAS and AES, 12H332
detmn. of methoxyurea herbicides in, by GC, SPE in, 12H349

measurement of mol. mass of amylopectin in, by FFF, 12H348 potentiometry, flow-injection, detectors for, cobalt-wire ISE as, in detmn. of phosphate, in hydroponic solutions, 12D80

potentiometry, stripping, in speciation of metal complexes, in humic substances, 12H173

poultry, detmn. of antibiotics in, by capillary electrophoresis, 12H302 prealbumins, study of dimer to monomer transition of, by PAGE, 12F236 prednisolone, detmn. of, in pharmaceuticals, by MEKC, 12G4

pregn-4-ene-3,20-dione, 6β,11β,17,21-tetrahydroxy-, detmn. of endogenous and stable isotope-labelled, in urine, by GC-MS, 12F 15 detmn. of, in urine, by HPLC, effect of grapefruit juice on, 12G159 pressure, measurement of, for deformability of crythrocytes, 12F22

prickly juniper, identi. of organic compounds in essential oils of, by GC-MS, SFE in, 12G213

prickly pear, detmn. of flavonoids and total phenolics in juice of, by HPLC, HPLC-APCI MS and spectrophotometry, 12H340

primaquine, detmn. of, in plasma, by LC-tandem MS, 12G125 printer toners, analysis of, by IR spectrometry, chemometrics in, 12E78

analysis of, by IR spectrometry, libraries for, 12E77 analysis of, by pyrolysis-GC-MS and SEM, chemometrics in, 12E79 proanthoevanidins, detun, of, in wine, by HPLC, 12H362

probes, for catalase, by fluorimetry, europium(III)-tetracycline-derived, 12F305

for detection of DNA multialleles and single nucleotide polymorphisms, DNA-nanocrystal conjugates as, 12F344

for DNA, binding activity and electron transfer kinetics of, 12F335 for DNA, fluorescent colloids as, 12F328

for DNA hybridization, by voltammetry, metal nanoparticle-based, 12F336

for DNA sequence analysis of Cannabis sativa, 12G197

for Cryptosporidium parvum hsp70 messenger RNA, in water, 12H67 for nucleic acids, spectral, review, 12F347

for potential difference, micro-contact, microfabrication of, 12A89 process control, advances in, 12A48

bio-, sensors for, review, 12A54

of electronic devices, by Raman spectrometry, 12E37 of industrial processes, by spectrometry, 12E5

process industry, analysis of, by frontal chromatography-ICP AES, calibration in, 12E3

profenofos, detmn. of organic compound impurities in, by HPLC, 12H200 profens, detection of, by capillary electrophoresis, derivatization reagents for, 12G43 sepn. of enantiomers of, by normal- and reversed-polarity capillary electrophoresis, chiral selectors for, 12G40

proinsulin, detmn. of, by sequential-injection capillary electrophoresis, 12F152

proline, detection of, by HPTLC and TLC, iodine-azide reaction for, 12F284

proline derivatives, sepn. of α-substituted, by HPLC, stationary phases for, 12D6

propionic acid derivatives, aryl-, detmn. of, by TLC, stationary phases for, 12B66

enantiomeric sepn. of, by TLC, stationary phases for, 12G45

propyl hydroxybenzoate, detmn. of, and its degradation products, in pharmaceuticals, by HPLC, 12G157

prostaglandin F24, 8-epi-, detmn. of, in urine, by GC-tandem MS, immunoaffinity chromatography and TLC in, divergence of results in, 12F140

protease inhibitors, sepn. of, by CZE, 12F316

proteases, detmn. of, on poly(methyl methacrylate) surfaces, by MALDI MS, 12F299

detmn. of trypsin-like, by affinity chromatography, adsorbents for, 12F253

protein kinase A, detmn. of activation of, in biological cells, by capillary electrophoresis, endogenous fluorescent substrate for, 12F308

protein S-100b, detmn, of, in blood and urine, by immunoluminometric assay, 12F232

proteins, analysis of, by HPLC, MS and PAGE, reagents for, 12F239 analysis of, by nano-HPLC-ion-trap MS, void volume reduction in. 12B22

analysis of, by tandem TOF MALDI MS, 12F290

analysis of, in CSF and serum, by capillary electrophoresis, review, 12F227

analysis of nitrated, by LC and MS, affinity probes for, 12F184

analysis of phosphorylated, by MALDI TOF MS, reagents for, 12F288 analysis of thermally-induced chemically modified, by electrophoresis and planar chromatography, 12F283

characterization of complexes of, by capillary electrophoresis and MS, coaxial liquid sheath-flow sprayer in, 12F255

characterization of DNA-binding, from Escherichia coli, by MALDI MS, 12F259

detection of conformers of, by electrospray MS, chemometrics for, 12F197

detection of guanine-nucleotide-binding proteins, by capillary electrophoresis, affinity probe for, 12F200

detection of interactions between, in living biological cells, by bioluminescence, split Renilla luciferase complementation in, 12F198

detection of selenium-containing in, by HPLC-ICP MS, 12H257 detection of trace, in brain, by immunoassay, 12F185

detmn. of aggregates of, in heated milk, by GPC and HPLC, 12H310 detmn. of beta-trace, in serum, by automated analysis and

nephelometry, 12F281 detmn. of, by MS, 12F217

detmn. of, by MS, computer programs for, 12F196

detmn. of cancer-associated, in biological cells and serum, biosensors for, 12F175

of DNA-binding, in Escherichia coli, by CCC and PAGE, 12F272

detmn. of, in biological fluids, by spectrophotometry, reagents for, 12F173

detmn. of, in biological membranes, by HPLC-MS, 12F188

detmn. of, in foods, by NAA, 12H253

detmn. of, in goat's milk, by NIR reflectance spectrometry, 12H318

detmn. of, in serum, by LC-electrospray MS, 12F204

detmn. of, in serum, by spectrophotometry, reagents for, 12F211

detmn. of, in Lupinus albus spent medium, by enzymic analysis and gel electrophoresis-electrospray MS, 12F250

detmn. of interaction of, with DNA, by non-equilibrium capillary electrophoresis, 12F215

detmn. of interactions of, with DNA and proteins, sensors for, 12F201 detmn. of nitrated, by EIA, in study of air pollution, 12F220

detmn. of phosphoserine and phosphothreonine in, by MALDI TOF MS, 12F163

detmn. of proteins, in Escherichia coli, by LC-MS, 12F261

detmn. of receptors for, by bioassay and luminescence, 12F181

detmn. of, sensors for, 12F293

detmn. of total, by particle beam/hollow cathode AES, 12F203

detmn. of whey, in milk, by combustion, 12H305

identn. of altered, in biological tissues, by LC-tandem MS, derivatization reagents for, mathematical models for, 12F187

identn. of, by electrospray MS, MALDI MS and PAGE, sample prep. in. 12F240

identn. of, by MALDI ion-trap MS and TOF MALDI MS, 12F287

identn. of, by MALDI MS and tandem nano-electrospray MS, 12F292

identn. of, by MS, databases for, 12F165

identn. of, by MS, mathematical models for, 12F191

identn. of, in melanoma, by gel electrophoresis and MALDI MS, 12F242

identn. of, in non-Hodgkins lymphoma, by MALDI MS, SDS-PAGE and Western blotting, 12F241

identn. of, in olive leaf, by immunoblotting and SDS-PAGE, extraction in. 12H212

identn. of inhibitors of retinoblastoma, in biological cells, by immunoassay and Western blotting, 12F180

of phosphorylated, in platelets, by immunoblotting, identn. immunoprecipitation, LC-electrospray MS, MALDI MS and PAGE, 12F167

screening of ligand binding of, by nanoflow electrospray MS, microfluidic systems for, 12F206

sepn. of acidic and basic, by capillary electrophoresis, stationary phases for, 12F271

sepn. of, by capillary IEF, detection in, 12F205

sepn. of, by capillary IEF, stationary phases for, 12F214

sepn. of, by electrophoresis, pressurization technique for, 12F192

sepn. of, by gel electrophoresis, buffers for, 12F237

sepn. of, by gel electrophoresis, stationary phases for, 12F237

sepn. of, by GPC, applications of, 12F183 sepn. of, by HPLC, stationary phases for, 12B31

sepn. of, by hydrophobic-interaction chromatography, retention time prediction in, 12F260

sepn. of, by ion-exchange chromatography, resin for, 12F254 sepn. of digests of, by capillary electrophoresis and MEKC, 12F189 sepn. of, in micro-organisms, by affinity chromatography and PAGE,

sepn. of metallothionein-like proteins, in liver, by capillary electrophoresis-ICP MS, 12F294

sequence analysis of, in wheat dough, by electrospray MS, in study of effects of ascorbic acid, 12H274

study of acetylation of HIV-1 Tat, by HPLC and MALDI MS, 12F168 study of binding of, by GPC, HPLC, ion-exchange chromatography and TLC, review, 12F225

study of, in biological materials, by PAGE and PAGE-MS, review, 12F286

study of matrix-assisted refolding of, by GPC, 12F252

study of non-covalent interactions with chlorogenic acid, by DSC, GPC and MALDI MS, 12F248

proteins, metallo-, detmn. of, in fish, by GPC and ICP TOF MS, 12F78 detmn. of trace elements in, by capillary electrophoresis-ICP MS, 12F169

proteomics, advances in, separation methods for, overview, 12F162

by LC-electrospray FTICR MS, 12F199

by micro-LC-electrospray tandem MS, 12F289

consenus of, with clinical analysis, validation of, chemometrics for,

epitope-targeted, microfluidic systems for, 12F164 LC-MS for, 12F261

Pseudomonas aeruginosa, identn. of, by bioassay and MALDI TOF MS, databases for, 12F9

pseudouridine, detmn. of, in urine, by HPLC, 12F246

pteridine derivatives, sepn. of 6,7-diaryl-, by LC, retention prediction in, mathematical models for, in study of structure-activity relationship, 12G68

pterostilbene, detmn. of, in Indian traditional medicines, by HPTLC, 12G207

purine derivatives, detmn. of, in biological tissues, by capillary LC, detection in, 12F357

pyren-1-ol, detmn. of, in urine, by fluorescence, SPE in, 12F64

pyridine, sepn. of, by HPLC, stationary phases for, chemometrics in,

pyridoxine, analysis of, by HPLC, validation in, 12G174

pyrimethanil, detmn. of degradation products of, in water, by GC-MS and LC, 12H122

pyrrolidine derivatives, study of lipophilicity of, by HPLC and TLC.

pyrrolidin-2-one derivatives, study of lipophilicity of, by HPLC and TLC, 12G139

0

quality assurance, in detmn. of elements in analytical standards, by NAA,

quality control, in detmn. of quetiapine, in pharmaceuticals, by CZE and spectrophotometry, 12G132

of milk, sensors for, lipid-based disposable, 12H326

quartz, detmn. of elements in high-purity powdered, by ICP AES and ICP MS. 12E17

quercetin, detmn. of, in Flos Carthami, by capillary electrophoresis, 12G242

detmn. of, in Calendula officinalis, by TLC, standardization in, 12G239 extraction of, from Hypericum, by SFE, 12G231

quetiapine, detmn. of, in pharmaceuticals, by CZE and spectrophotometry, quality control in, 12G132

quinine, detmn. of, in blood, by HPLC, sample prep. in, 12G126

quinine, 3-hydroxy-, detmn. of, in blood, by HPLC, sample prep. in, 12G126

quinoline derivatives, sepn. of, by GC, MS, NMR, partition centrifugal chromatography and TLC, 12D135

53

radiation detectors, track, for detmn. of radon, in soil, for exploration of active fault zones, 12H168

radicals, detection of, in snail, by ESR, 12H14

radioactivation analysis, by neutrons, databases for, 12C92

epithermal, in detmn. of bromine and iodine in Chinese traditional medicines, 12G240

in detection of elements, in large and non-standard geometry samples, calibration of, 12D13

in detmn. of elements in analytical standards, quality assurance in, 12C93

in detmn. of trace elements, in hair, 12E122

radiochemical, in detmn. of phosphorus, in silicon, 12E12

radioactive waste, detmn. of phosphoric acid radiolysis products in, by HPLC-MS, 12E44

radiography, fast neutron, fluorescent converter for, 12C96

radiopharmaceutical preparations, identn. of technetium-labelled, by LC-MS, 12G10

radiotracers, for study of uptake of elements on zirconium vanadate

materials for ion-exchange, tracer packet technique for, 12D17 radium-226, detmn. of, in thermo-mineral spring water, by γ-ray spec-

trometry, 12H115
radon, detmn. of, in soil, track radiation detectors for, for exploration of

active fault zones, 12Hi68 ragaglitazar, detmn. of, by capillary electrophoresis, validation of,

ragagnazar, octimi. or, by capitary electrophoresis, valuation 12G104

rain, detmn. of dichloroacetic acid and TCA in, by GC-MS, 12H25 detmn. of fungicides in wash-off, by HPLC, SPE in, 12H92

ranitidine, detmn. of, in plasma, by HPLC, 12G163

rape, detmn. of abscisic acid and metabolites in, by LC-electrospray MS, extraction in, 12H228

rapeseed oil, detmn. of di- and triglycerides in, by HPLC-APCIMS, 12E106

rare-earth metals, detmn. of, by ICP MS, dynamic reaction cells for, 12D54

detmn. of distribution of, in *Dicranopteris dichotoma* chloroplast, by ICP MS, 12H207

detmn. of, in geological materials, by ICP AES, SPE in, 12E65

detmn. of, in minerals, by ICP AES, 12E52

detmn. of, in minerals, ores and rocks, by NAA, 12E62

detmn. of, in water, by LC-ICP MS, stationary phases for, 12H80

detmn. of light, in soil water, by GPC-ICP MS, 12H164

extraction of, reagents for, 12D58

measurement of K, L and higher shell photoionization cross-sections of, by XRF, 12D55

receptor assay, fluorescence polarization, in analysis of interactions of endocrine disruptors, with oestrogen receptor, 12F151

in detection of paralytic shellfish poisoning toxins, in shellfish, optimization of, 12H296

refrigerants, detection of, sensors for, calibration in, 12A23

retina, detmn. of production of nitric oxide by lesioned, by differential pulse amperometry, electrodes for, 12F37

retinol, detmn. of, in faeces, by HPLC and HPLC-APC1 MS, in study of bioavailability of β -carotene, 12F391

retinyl palmitate, detmn. of, in faeces, by HPLC and HPLC-APCI MS, in study of bioavailability of β-carotene, 12F391

rhenium, detmn. of, in environmental and geological materials, by ICP MS, sample prep. in, 12H23

detmn. of, in geological materials, by isotope dilution-ICP MS, correction factors in, 12E49

Rhodiola crenulata, detmn. of 4-hydroxyphenethyl alcohol and salidroside in, by CZE, 12G198

Rhodiola kirilowii, detmn. of 4-hydroxyphenethyl alcohol and salidroside in, by CZE, 12G198

riboflavine, analysis of, by HPLC, validation in, 12G174 detmn. of, in pharmaceuticals, by voltammetry, 12G173 riboflavine sodium phosphate, detmn. of, in pharmaceuticals, by voltammetry. 12G173

ribose 1-phosphate, detmn. of, in food, by ion chromatography-ICP MS, 12H261

rice, detmn. of arsenic compounds in, by ion chromatography-ICP MS, 12H261

detmn. of iron in, by AAS, 12H208

rice wine, detmn. of amino-acids in, by MEKC, detection in, 12H358 root, detmn. of carboxylic acids in chickpea, pea and white lupin, by LC,

12H229

ropivacaine, detmn. of, and its metabolites, in urine, by LC, LC-MS and LC-tandem MS, 12G166

rose, identn. of cyanidin 3,5-diglucoside and flavonol glycosides in petals of, by HPLC and TLC, 12H221

rosiglitazone, detmn. of, in plasma, by HPLC, internal standards for, 12G253

rubidium, measurement of isotope ratio of, to rubidium-87, by flow-injection-ICP TOF MS, 12D68

rubidium-87, measurement of isotope ratio of rubidium-85 to, by flow-injection-ICP TOF MS, 12D68

rutile, detmn. of rare-earth metals and yttrium in, by ICP AES, 12E52

rutin, detmn. of, in Flos Carthami, by capillary electrophoresis, 12G242 detmn. of, in Calendula officinalis, by TLC, standardization in, 12G239 extraction of, from Hypericum, by SFE, 12G231

S

saccharin, detmn. of, in sweeteners, by potentiometric titration, 12H266 salbutamol, detmn. of enantiomers of, in pharmaceuticals, by capillary electrophoresis, 12G190

salbutamol sulphate, detmn. of, in pharmaceuticals, by spectrophotometry and titrimetry, reagents for, 12G188

salicylate, detmn. of, ISE for, 12G53

salicylic acid, detmn. of, and related compounds, in Arabidopsis plants, by capillary electrophoresis, 12H209

detmn. of, in pharmaceuticals, by HPLC, 12G42

salidroside, detmn. of, in Rhodiola crenulata and Rhodiola kirilowii, by CZE, 12G198

saliva, detrm. of cotinine and nicotine in, by GC-MS, 12F80 detrm. of aldehydes in, by APCIMS and GC, effect of whey protein on,

12F389

Salmonella, detection of, by PCR, immunomagnetic sepn. in, 12F25

detection of, in dairy products, pre-enrichment broths for, 12H317 detection of, in foods, by ELISA, enrichment broths for, 12H251 Salmonella typhimurium, identn. of, by bioassay and MALDI TOF MS,

databases for, 12F9 sample handling, for controlled parallel sample introduction, in nanolitre

well arrays, coverslip method for, 12A38

sample preparation, acid digestion as, of silicates, in detmn. of manganese oxide, phosphorus pentoxide and titanium oxide, by FIA, 12E53

cryogenic, of teeth, in detmn. of copper, lead and manganese, by AAS, 12F52

iron(III) coprecipitation and oxyhydrogen-combustion as, of petroleum, in detmn. of arsenic and tellurium, by AAS, 12E72

of analytical standards, automation in, 12A5

of biological materials and water, for detmn. of aluminium and chromium ions, by ICP AES, microcolumn preconcentration as, 8-hydroxyquinoline-immobilized titanium dioxide nanoparticles for, 12F41

of blood, for detmn. of glycidamide, by GC-tandem MS, derivatization for, 12F112

of blood, in detmn. of 3-hydroxyquinine and quinine, by HPLC, 12G126

of brain, preconcentration as, chelating microcolumns for, in detmn. of molybdenum, by ET AAS, 12F95

of environmental and geological materials, in detmn. of platinum-group metals and rhenium, by ICP MS, 12H23

of fish, for detmn. of macrocyclic lactone mycotoxins, by LC-tandem MS, matrix solid-phase dispersion-SPE as, 12H295

of geological materials, in detmn. of metals, by AES, oxidative fluoride decomposition and sulfation as, 12E68

of meat, for detmn. of metals, by AAS, focused microwave digestion and ultrasound leaching as, 12H280

of minerals and waste water, desferrioxamine B microcolumn for calcium removal, in detmn. of iron by ICP MS, 12C84

of nimodipine metabolite solution, for identn. by HPLC-MS, hydrogendeuterium exchange in, 12G143

of oyster, for detmn. of mercury and tin, by GC-ICP MS, ethylation and microwave extraction as, 12F69

of pharmaceuticals, for detmn. of aspirin by flow-injection capillary electrophoresis, online hydrolysis in, 12G52

of plasma, deproteinization with polyethylene microcolumn, in detmn. of copper and zinc, 12F106

of plasma, for detmn. of sotalol, by LC, cation-exchange restricted access materials for, 12G153

of sea water and waste water, for speciation of chromium, by spectrophotometry, 5-palmitoyl-8-hydroxyquinoline functionalized XAD-2 resin for, 12H62

of serum, for detmn. of PCB, PCDD and PCDF, by GC-MS, 12F82 of serum, in detmn. of albumin and γ-globulins, by LC-MS, 12F258

of waste gases and waste water, for detmn. of elements, by GC, 12H148 of water, electrodeposition of gold in palladium-coated graphite tube, in detmn. of gold, by AAS, 12H129

of water, for detmn. of aluminium, mercury and silver ions, preconcentration and sepn. as, N-propylsalicylaldimine-modified controlled-pore silica glass for, 12H73

of water, for detmn. of primary amines, by fluorimetry, solid-phase derivatization as, 12H61

of waterborne particulates, for detmn. of organic carbon and nitrogen, 12H71

of waterborne particulates, for measurement of carbon and nitrogen isotope ratios, by MS, 12H71

preconcentration as, of metal chelates, for detmn. by direct sample insertion ICP MS, 12D22

preconcentration with diethyldithiophosphate as, of foods, in detmn. by selenium, by AAS, 12H259

prefractionation of protein mixtures, by solution IEF, 12F240

samplers, for cloud and fog, in detmn. of mercury and trace elements, 12H118

sampling, extractive loop, non-contact and remote, 12A46

hydride generation method for, of arsenic(III) and inorganic arsenic, from environmental materials, in detmn. by AAS, 12H24

in environmental analysis, subsampling error estimation in, chemometrics for, 12H8

in laser ablation ICP MS, wavelengths for, 12C72

of hydrophobic compounds, microdialysis as, enhanced recovery in, water-soluble cyclodextrins for, 12A40

of organic compounds, from water, as passive sampling, 12H88

of reactive gaseous mercury, in atmosphere, evaluation of methods for, gaseous mercuric chloride source for, 12H32

of thermo-oxidative degradation products of PVC, membrane/helical sorbent trap for, for detmn. by GC-MS, 12E86

of VOC, in air, by SPME, calibration of, 12H39

sand, detmn. of PAH in, by SFE-HPLC, 12H165 saponins, detmn. of, in Panax notoginseng, by HPLC, detectors for, 12G228

detmn. of, in Maesa balansae, by LC, 12G229

saxitoxin, detection of, in shellfish, by receptor assay, optimization of, 12H296

scandium, detmn. of, in water, by flow-injection ICP AES, 12H93

Schiff bases, study of DNA interactions of, in hepatocytes, by fluorescence microscopy, 12G113

Schisandra chinensis, detmn. of VOC in, by GC-MS, SPME in, 12G205 scintillation counting, detectors for, photodiodes as, fabrication of, 12C94 single photon, analysis of fluorescence decays in, chemometrics for, 12C91

screening, high-throughput, of pharmaceuticals, review, 12G2

Scrophularia ningpoensis, detmn. of VOC in essential oils of roots of, by GC and GC-MS, 12G214

seaweed, speciation of arsenic in, by electrospray MS and HPLC-ICP MS,

secoisolariciresinol diglucoside, detmn. of, in linseed, by HPLC, extraction in, 12H232

sediments, detmn. of alkylphenols and alkylphenol ethoxylates in, by GC-MS, HPLC and HPLC-electrospray tandem MS, 12H20

detmn. of alkylphenols, bisphenol A and chlorophenols in acid-digested suspension of, by GC-MS, extraction in, 12H184

detmn. of antifouling compounds in marine, by GC-MS, SPME in, 12H180

detmn. of butylstannane derivatives in, by ICP MS, extraction in, 12H178

detmn. of cadmium in, by AAS, calibration in, 12H179

detmn. of heavy metals in, by ICP AES, 12H185

detmn. of hydrocarbons in contaminated marine, by 2D GC, 12H174

detmn. of hydrocarbons, phosphorus and trace metals in road, by ET AAS, GC-MS, ICP AES and spectrophotometry, 12H187

detmn. of mercury compounds in, by HPLC-ICP MS, 12H163

detmn. of metals in, calibration in, 12H9

detmn. of methylmercury in, by GC-AFS, 12H5

detmn. of nonyl- and octylphenol and their ethoxylates in, by LCtandem MS, 12H69

detmn. of octachlorostyrene in, by GC-MS, 12H26

detmn. of organotin compounds in, by low-pressure GC-tandem MS,

detmn. of PAH in, by GC-MS, pressurized-fluid extraction in, 12H160 detmn. of PBDE in, by GC-MS, 12H172

detmn. of PCB in, by GC-MS, 12H188

detmn. of phenoxy-acid herbicides in, by flow-injection LC, 12H170 detmn. of tributylstannane in, by GC-ICP MS or HPLC-ICP MS, isotope dilution in, solvent accelerated extraction in, 12H162

detmn. of tributylstannane in, in international intercomparison study,

detmn. of tungsten(VI) in, by spectrophotometry, SPE in, 12H132

detmn. of uranyl ion in, by spectrophotometry, preconcentration in, 12H72

extraction of metals from dry and wet, by sequential extraction, 12H158 identn. of PAH in contaminated, by bioassay, GC and HPLC, in study of cytochrome P4501A-inducing effects, 12H171

speciation of arsenic in, by HPLC-ICP MS, 12H4

speciation of selenium in, by GPC-ICP MS, ion-exchange chromatography-ICP MS and ion-pair LC-ICP MS, sequential extraction in, 12H186

selegiline hydrochloride, sepn. of enantiomers of, and its metabolites, in urine, by capillary electrophoresis, dual cyclodextrin system for, 12G256

selenium, detmn. of, by ET AAS, modifiers for, 12C45

detmn. of, by ICP AES, instrumentation for, 12C42

detmn. of, in feed, by AAS, validation in, 12H239

detmn. of, in feeding stuffs, by fluorimetry, 12H240

detmn. of, in foods, by AAS, sample prep. in, 12H259

detmn. of metabolites of, in urine, by HPLC-ICP MS, 12F47

detmn. of tetravalent, in selenium-containing triglycerides, by spectrophotometry, 12F142

speciation of, by HPLC and ICP AES, CRM for, validation of, 12D81

speciation of, in flour and yeast, by ICP MS, 12H276 speciation of, in plasma, by affinity chromatography-ICP MS, 12F46

speciation of, in sediments, by GPC-ICP MS, ion-exchange chromatography-ICP MS and ion-pair LC-ICP MS, sequential extraction in. 12H186

selenium-79, detmn. of, in fission products solutions, by ICP MS, 12E43 semen, detmn. of bisphenol A and nonylphenol in, by capillary electrophoresis and HPLC, 12F76

semiconducting materials, detmn. of elements in lead iodide, by AES and NAA, 12E33

sensors, acoustic wave piezoelectric, electromagnetic excitation of highfrequency acoustic waves in, liquid-phase detection of, 12A64

electrolyte-insulator-semiconductor system-based, analytical characteristics and sensing mechanisms of, review, 12A55

electronic nose, for analysis of petroleum, chemometrics in, 12E75 for aliphatic aldehydes, optical, fluorescent reagents for, 12D115

for ammonia, conductivity, polyaniline blend films as, effect of humidity on, 12D79

for ammonia gas, molybdenum oxide thin films, 12A81

for ammonia, nanoporous alumina resistive and surface acoustic wave, 12D78

for ammonium and potassium ions, in water, 12H64

for ascorbic acid and dopamine, sol-gel composite, 12F34

for ascorbic acid and uric acid, in brain, fabrication of, 12F386

for ascorbic acid, bromate and nitrite, electrochemical, trivanadium-substituted heteropolytungstate and poly(4-vinylpyridine)complexed osmium bis(2,2'-bipyridine) layers on glassy carbon electrode, 12A68

for ascorbic acid, in pharmaceuticals, amperometric, methylene bluemodified zeolite-based carbon paste electrodes as, 12G171

for astronomy and biology, microchannel plate-based, 12A74

for atrazine, molecularly imprinted polymer-modified gold electrodebased, 12H194

for biological and chemical warfare agents, electrochemical, review, 12H18

for biological interactions and liquids, mechanical, tuning forks as,

for bioprocess control, optical, review, 12A54

for BOD, of waste water, microbial, 12H151

for chloride, in serum, optical, lucigenin-modified hydrogel-based, 12F33

for α-chlorohydrin, chemical, molecularly imprinted polymer-based,

for chromate, hydrogel-coated microcantilever-based, 12D82

for colchicine, optical-fibre, N-vinylcarbazole-modified polymer membrane-based, 12G97

for copper, Gly-Gly-His modified, 12D40

for Cy5-derivatized glycine and glycine, acoustic wave, 12F218

for detmn. of protein-DNA and protein-protein interactions, surface plasmon resonance, histidine-tagged fusion protein arrays in, 12F201

for diclofenac, molecularly imprinted polymer, voltammetric, 12G38 for dimethyl sulfide, hydrogen sulfide and methanethiol, LaFeO3 thickfilm, 12A82

for DNA damage, voltammetric, 12F341

for DNA, electronically active chips as, mathematical models for,

for DNA hybridization, electrochemical, carbon nanotube-modified glassy carbon electrodes as, 12F354

DNA hybridization, gold/glass slides, quartz crystal balance and silicon chips as, 12F373

for DNA mutations, protein chip as, MutS-based, 12F337

for DNA oligonucleotides, microfluidic, chip-based microbead array, 12F343

for ethanol, thick-film, 12D124

for furazolidone, optical, aminobenzothiazole Schiff base membranebased, 12G123

for gases, absorptiometric, porous membrane-based, LED/photodiodeinterrogated, 12A58

for gases, indium tin oxide, 12A85

for gases, proton implanted indium tin oxide, 12A80

for glucose and 3-hydroxybutyric acid, in serum, flow-through chemiluminometric, 12F123

for hydrogen, in air, Schottky diode, 12H53

for hydrogen, palladium-covered silicon microchannel-based, 12D33 for hydrogen, silicon-germanium film, thermoelectric, 12A76

for hydrogen, thick-film, nanophase tin dioxide, effect of orthorhombic phase on, 12A90 for indol-3-yl acetic acid, optical, 4-allyloxy-7-aminocoumarin, 12A79

for ions, quartz crystal microbalance, inorganic materials/solution interfaces in, 12A67

for lead, spectrophotometric, immobilized gallocynine, 12A83

for lead(II) ions, photonic crystal optrode, 12D63

for lead(II), voltammetric, thiol-functionalized mesoporous silica thin film-modified microchip-based gold microelectrodes as, 12D67

for magnesium ion, in biological cells, nano-, probe encapsulated by biologically localized embedding technology for, 12F38

for magnesium, probes as, fluorescent, 12D49

for milk quality monitoring, lipid-based disposable, 12H326

for monitoring of crystallization in supersaturated solution, piezoelectric quartz crystal, 12D2

for nickel ion, in waste water, carboxylated and methylated porphinebased PVC membrane ISE as, 12H155

for nitric oxide, in air, amperometric, platinum/Nafion electrode-based,

for nitric oxide, in biological materials, amperometric, 12F59 for nitric oxide, in biological materials, electrochemical, 12F61

for nitrite, amperometric, haemoglobin-colloidal gold nanoparticlemodified screen-printed carbon electrodes as, 12D71

for nitrobenzene, electrochemical, molecularly imprinted polymerbased gold microelectrodes as, 12D129

for nitrofurazone, membrane, coumarin-based, 12G71

for nitrogen dioxide, crystallographic characterization of, by XPS, 12A91

for nitrogen dioxide, phthalocyanine-based films, effect of temperature on, 12A78

for nitrogen dioxide, thin-film, indium tin oxide, 12H54

for odorous substances, microbead vapour array, information coding in, 12A59

for oligonucleotides, peptide nucleic acid-based, 12F352

for organic chemicals and viruses, molecular recognition-based, overview, 12A92

for organic compounds and VOC, in tea, metal oxide-based electronic nose, 12H371

for organic compounds, chloride-doped polypyrrole films as, 12D137 for oxalate and tripropylamine, chemiluminescence, sol-gel derived titania-Nafion composite films as, 12D116

for oxygen, cerium oxide thick film, 12A86

for pesticides, in air, thick-film, tin dioxide-based, 12H56

for pH, optical, fluorescence-based, fabrication of, 12D41

for pH, silver-silver chloride thin film, 12D45

for proteins, surface plasmon resonance, 12F293

for refrigerants, surface plasmon resonance, calibration in, 12A23

for thiols, amperometric, quinone-mediated systems in, 12F208

for vapours, SAW array, data processing in, 12A60

for VOC, in dairy products, electronic nose, review, 12H325

humidity, analysis of thick films in, by ESR, 12A84 magnetic acoustic resonance, spiral coil-based, 12A66

micro-, for hydrogen peroxide, in brain extracellular space, amperometric, 12F40

separation, immunomagnetic, of Salmonella, in detection by PCR, 12F25 of amines and amino-acids, supported liquid membranes for, chiral carriers for, chiral phosphoric acid esters as, 12D110

immunoglobulin G, from plasma, adsorbents for, metal-chelate affinity beads as, 12F280

sequence analysis, of DNA, light-induced molecular cutting for, 12F339 of Cannabis sativa DNA, probes for, 12G197

shampoo, detmn. of antifungal agents in antidandruff, by HPLC, 12G95 shellae, identn. of organic compounds in fresh and aged, by GC-MS, 12E119

shellfish, detection of paralytic shellfish poisoning toxins in, by receptor assay, optimization of, 12H296

detmn. of arsenic compounds in, by ion chromatography-ICP MS,

detmn. of azaspiracids in, by LC-MS, effects of geographical, species and temporal variation on, 12H285

shrimp, detmn. of octachlorostyrene in, by GC-MS, 12H26

sibutramine, detmn. of, and its metabolites, in plasma, by LC-electrospray MS, 12G87

silibinin, identn. of metabolites of, in liver microsomes, by LC-electrospray ion-trap tandem MS, 12G259

silica, detmn. of, in orchard grass and Triticum aestivum, by AAS, Raman spectrometry, SEM, X-ray spectrometry and XRD, 12H204

silicate, detmn. of, in high-purity water, by flow-injection fluorimetry,

silicates, detmn. of manganese oxide, phosphorus pentoxide and titanium oxide in, by FIA, sample prep. in, 12E53

silicon, detmn. of, in analytical standards, by ICP MS, 12A7

detmn. of phosphorus in, by radiochemical NAA, 12E12

surface and near-surface analysis of wafers of, by synchrotron radiation excited total reflection XRF spectrometry, 12E35

silver, analysis of d.c.magnetron reactive sputtering of, by glow-discharge MS and residual gas analysis MS, 12E25

detmn. of, in barium copper yttrium oxides, by XRF, 12E40

detmn. of, in copper sulfide concentrates, by NAA, 12E64

detmn. of, ISE for, 12D36

synthesis of nanoparticles of, 12D39

silver compounds, speciation of volatile, by AAS and AES, sample introduction in, 12D21

silver ion (Ag+), detmn. of, by voltammetry, charge transfer reactions in, 12D42

detmn. of, in water, by ICP MS, sample prep. in, 12H73 detmn. of, ISE for, 12D37

snail, detection of radicals in γ-irradiated sea-, by ESR, 12H14

snow, detmn. of cadmium in, by single drop surface-modified ETAAS, 12H97

detmn. of heavy metals in, by AAS, ICP MS and ion chromatography, 12H113

snuff, detmn. of acrylamide in, by GC-tandem MS, 12H77

soil, depth profiling of americium-241, caesium-137 and plutonium in, by $\alpha\text{-particle}$ spectrometry, $\gamma\text{-ray}$ spectrometry and ICP MS, 12H191 detection of chrysotile in, by XRD, 12H190

detmn. of alcohol and alkylamine ethoxylates, in soil, by LC-APCI MS, 12H161

detmn. of americium and plutonium in, by alpha-particle spectrometry, 12H192

detmn. of ATP in, by flow-injection chemiluminescence, 12G1

detmn. of bio-available cadmium in, by micro-HPLC, 12H159 detmn. of cadmium in, by AAS, atomization in, 12H193

detmn. of chlorophenols in, by GC-ECD, SPME in, 12H183

detmn. of chromium(VI) in, by ET AAS, extraction in, 12H166

detmn. of cyanide in, by colorimetry, 12H12

detmn. of dichloroacetic acid and TCA in, by GC-MS, 12H25 detmn. of elements in, by AAS and ICP MS, 12H21

detmn. of flumioxazin in, by GC-MS, 12H175

detmn. of fungicides in, by HPLC, SPE in, 12H92

detmn. of humic substances in, by LC, 12H182

detmn. of light rare-earth metals in water of, by GPC-ICP MS, 12H164 detmn. of napropamide in, by fluorimetry, 12H196

detmn. of nitrate in, by spectrophotometry, reagents for, 12D72

detmn. of nitrates and nitrites in, by flow-injection spectrophotometry,

detmn. of octachlorostyrene in, by GC-MS, 12H26

detmn. of organochlorine pesticides in, by GC, 12H344

detmn. of organohalogen compounds in, by GC, ultrasound extraction in, 12E54

detmn. of PAH in, by GC-MS, 12H176

detmn. of PAH in, by SFE-HPLC, 12H165

detmn. of PCB in, by GC-MS, 12H188

detmn. of phenoxy-acid herbicides in, by flow-injection LC, 12H170 detmn. of phthalic acid esters in, by GC, 12H189

detmn. of polycyclic aromatic nitro-compounds in, by GC-tandem MS, extraction in, 12H167

detmn. of radon in, track radiation detectors for, for exploration of active fault zones, 12H168

detmn. of tetracyclines in, by ELISA, 12H141

detmn. of thorium in, by ICP AES, extraction in, 12E66

detmn. of uranyl ion in, by spectrophotometry, preconcentration in, 12H72

detmn. of zinc in, by AAS, SPE in, 12H169

extraction of nitro-PAH from, by pressurized-fluid extraction, 12H181 speciation of mercury in, by ICP MS and ion chromatography, 12H177

solar cells, characterization of phosphorus and titanium oxide anti-reflective coatings in, by MS, 12E26

solasonine, detmn. of, in frozen pea, by LC, as an indicator of nightshade contamination, 12H346

solids, analysis of, by r.f. glow-discharge AES, glow-discharge sources

detmn. of elements in, by laser ablation ICP MS, 12H289

of total, in goat's milk, by NIR reflectance spectrometry, 12H318

detmn. of trace elements in, by laser-ablation ICP MS, study of particle behaviour in, imaging in, 12C79

solvents, detection of, in water, sensors for, molecular recognition-based, overview, 12A92

sotalol, detmn. of, in plasma, by LC, sample prep. in, 12G153

sotolone, detmn. of, in wine, by GC-ion-trap MS, SPE in, 12H366 soy sauce, detmn. of α-chlorohydrin in, sensors for, 12D117

soya bean, detmn. of 2,4-dichloroaniline and 2,4-dichlorophenol in, by HPLC-MS, 12H218

identn. of VOC in, by GC-MS, SPME in, 12H219

sepn. of isoflavone derivatives from, extraction in, 12H231

soya-bean oil, detmn. of ascorbic acid in, by HPLC, 12H91

detmn. of oxidized triglycerides in, by GPC and LC, effect of refining process on, 12H309

sparteine, detmn. of, in serum, by HPLC, reagents for, 12G254

spearmint, detmn. of antioxidants in, by LC, 12H374

speciation, of aromatic and chlorohydrocarbons, by GC - glow-discharge TOF MS, influence of discharge parameters on, 12D104

of arsenic, in environmental materials, review, 12H10

of arsenic, in fish, by gradient elution cation exchange, 12H291

of arsenic, in molluses, by HPLC and ICP AES, 12F66

of arsenic, in plants, sediments and water, by HPLC-ICP MS, 12H4 of arsenic, in seaweed and urine, by electrospray MS and HPLC-ICP MS, 12F85

of chromium, in sea water and waste water, by spectrophotometry, sample prep. in, 12H62

of elements, by capillary electrophoresis, review, 12D27

of elements, by HPLC-isotope dilution ICP MS, evaluation of uncertainty in, 12D25

of inorganic compounds, by AAS and AES, sample introduction in, 12D21

of mercury, in biological materials, by GC-ICP AES, SPME in, 12F92 of metal complexes, in humic substances, by stripping chronopotentiometry, 12H173

of metals, in biological and environmental materials, advances in, 12H2 of metals, in biomolecules, by ICP MS, 12F379

of metals, in fish metallothioneins, by capillary electrophoresis-ICP MS, 12F49

of organoselenium compounds, by particle beam/hollow cathode AES,

of selenium, by HPLC and ICP AES, CRM for, validation of, 12D81 of selenium, in flour and yeast, by ICP MS, 12H276

of selenium, in plasma, by affinity chromatography-ICP MS, 12F46

of selenium, in sediments, by GPC-ICP MS, ion-exchange chromatography-ICP MS and ion-pair LC-ICP MS, sequential extraction in, 12H186

of trace elements, in biological materials, by ICP MS, 12F5

of vanadium, in serum, by GPC-ICP MS, optimization of, 12G257

of volatile organoselenium compounds, in garlic, by SPME-AAS and SPME-ICP MS, 12H376

specific gravity, prediction of, of ivory, by FT Raman spectrometry, chemometrics for, 12F19

spectrometry, computer programs for, validation of, 12C8

2D correlation, in detmn. of oleic acid and poly(N-methylacrylamide), 12C69

derivative behaviour in, chemometrics in, 12C9

in analysis of gases, advances in, overview, 12D7

in industrial analysis, 12E5

instrumentation and accessories for, overview, 12C7

instrumentation for, Pittcon report, 12C6

non-equilibrium plasma diagnosis in, computer simulations for, 12C5

vacuum UV FT, in analysis of glow-discharge analytical plasmas, effect of nitrogen on, 12C1

spectrometry, absorption, infra-red, evaluation of spectral similarity searches in, chemometrics for, 12C54

in analysis of biological cells and tissues, imaging in, 12F35

in analysis of sugar beet, cane and juices, review, 12H270 in detmn. of effluent vapours, in waste gases, hyperspectral imaging in,

chemometrics for, 12H139

in study of air-liquid interface of aromatic hydrocarbons, 12C56 mid-, for validating cleanliness in manufacturing, 12E6

sum frequency generation, in study of conformation changes of adsorbed BSA, at solution-air interface, 12F219

spectrometry, absorption, infra-red, Fourier-transform, ATR, in detmn. of alcohols and chlorohydrocarbons, chemometrics in, diffusion behaviour in, 12C49

in identn. of haemoglobin in blood, in diagnosis of β-thalassaemia, 12F318

synchrotron radiation, in analysis of corroded bronze archaeological materials, 12E118

spectrometry, absorption, near-infra-red, x-axis calibration in, analytical standards for, evaluation of homogeneity of, chemometrics for, 12C55

calibration in, mathematical models for, 12C60

capillary tube, in study of microlitre-volume liquids, 12C59

curve resolution in, mathematical models for, 12C50

in classification of apple juice, chemometrics in, 12H328

in detmn. of glucose, calibration of, 12F121

in detmn. of sulfur, in diesel fuel, calibration in, 12E70

reagents for, pyrocatechol violet as, in detmn. of molybdenum(VI), in water, 12H135

spectrometry, atomic-absorption, advances in, review, 12C36

atomization in, electrothermal and electrostatic precipitation, in detmn. of cadmium, in soil, 12H193

atomizer for, transverse heated filter, in detmn. of cadmium and lead, in urine, 12F89

background compensation in, high-speed self-reversal method, in detmn. of elements, 12C46

chemical modifiers for, iridium and rhodium mixture as, in detmn. of bismuth, in urine, 12F90

chemical vapour generation, slurry sampling in, review, 12C18

coupled with SPME, in speciation of volatile organoselenium compounds, in garlic, 12H376

electrothermal with tungsten atomizer, modifiers in, sodium dihydrogen phosphate and palladium nitrate, interaction with analytes, in detmn. of cadmium, 12C44

ET, in detmn. of gold, in water, 12H129

ET, modifiers for, noble metals as, in simultaneous detmn. of antimony, arsenic and selenium, 12C45

flame, flow-injection, coupled with SPE, in detmn. of trace gold and palladium, in geological and metallurgical materials, 12E58

flame, in detmn. of platinum, preconcentration in, 12D88

graphite furnace, in detmn. of palladium and platinum in water, 12H130 hydride generation-ET, chemical modifiers for, palladium-zirconium as, in detmn. of arsenic, in plants, 12H210

in detmn. of arsenic, in naphtha, preconcentration in, multiple injections for, 12E73

in detmn. of copper, lead and manganese, in teeth, sample prep. in, 12F52 sample introduction in, surfactant assisted chemical vapour generation

as, in speciation of inorganic compounds, 12D21 spectrometry, atomic-absorption, glow-discharge, thin-walled metallic

hollow cathode for, 12C28 spectrometry, atomic-emission, advances in, review, 12C36

d.c., charge coupled device, instrumentation for, 12C19

echelle cross-dispersion, wavelength calibration in, 12C20

in study of properties of argon plasma in pulsed glow electrical discharges, 12D32

particle beam/hollow cathode, in detmn. of total proteins, 12F203 particle beam/hollow cathode, in speciation of organoselenium

compounds, 12D90 sample introduction in, surfactant assisted chemical vapour generation as, in speciation of inorganic compounds, 12D21

spectrometry, atomic-emission, capacitively coupled plasma, in detection of metals and organic compounds, instrumentation for,

spectrometry, atomic-emission, glow-discharge, analytical figures of merit in, influence of hydrogen on, 12C25

detectors for, solid-state, in multi-matrix analysis, 12C29

glow-discharges for, millisecond pulse d.c. and r.f., temporal emission characteristics of, 12C26

in analysis of thin films, review, 12E4

in depth-profile analysis, calibration in, 12C39

in depth-profile analysis, mathematical models for, 12C38

in depth-profile analysis of organometallic coatings, 12E30

in industrial analysis of steel, overview, 12E22

in trace analysis of high-purity copper, in round robin study, 12E23 millisecond pulsed glow-discharge for, investigation of afterpeak in,

mathematical models for, 12C27 optical interfaces for, in detmn. of carbon, hydrogen, nitrogen and oxygen, in nuclear materials, 12E42

r.f., glow-discharge sources for, integrated current and voltage probebased, in analysis of solids, 12C31

r.f., power control in, analytical impact of, 12C30

r.f. sources for, electrical and mathematical models for, 12C32

spectrometry, atomic-emission, inductively coupled plasma, acid effects in, reduction of, 12C22

acid interferences in, effect of hydrogen gas plasma on, 12C47

axially-viewed, total dissolved solids torch for, analytical performance of, 12C34

coupled with frontal chromatography, in analysis of process industry, calibration in, 12E3

coupled with GC, in speciation of mercury, in biological materials, 12F92

eyclonic spray chamber for, optimization of, computational fluid dynamics in, 12C33

electrothermal vaporizer for, in detmn. of elements, in air, 12H45

gold, palladium and platinum vapour generation in, study of analytical features of, 12C35

hydride-generation, instrumentation for, high-power nitrogen microwave plasma, in detmn. of elements in steel, 12E19

in detmn. of arsenic, optimization of, 12D70

in detmn. of bromine, chlorine and iodine, in milk, 12H314

instrumentation for, direct hydride generation nebulizer, in detmn. of selenium, 12C42

matrix effects in, non-spectroscopic interference, in detmn. of elements, 12C40

nebulizers for, direct injection as, in detmn. of arsenic, lead and mercury, in xylene, 12D24

sample handling in, torch integrated sample introduction systems for, optimization of evaporation cavity of, 12C21

sample introduction in, by induction heating-ET vaporization, elimination of arcing in, 12C24

spectrometry, atomic-emission, laser-induced plasma, in detmn. of elements, in steel, instrumentation for, 12E29

spectrometry, atomic-fluorescence, advances in, review, 12C36

spectrometry, fluorescence, X-ray, applications and development of, review, 12C23

carriers in, lanthanum as, in detmn. of gold in minerals, ores and rocks, 12E61

in detmn. of europium, preconcentration in, filtration as, 12D60

in measurement of fluorescence cross-sections and relative intensity ratios of elements, 12C43

in measurement of K, L and higher shell photoionization cross-sections of rare-earth metals, 12D55

micro-, in detmn. of zinc, in calculi, 12F62

probes for, in detmn. of elements, in micro-organisms, 12F39

synchrotron radiation excited total reflection, in surface and near-surface analysis of silicon wafers, 12E35

spectrometry, gamma-ray, in detmn. of uranium, in environmental materials, evaluation of γ lines for, 12H15

spectrometry, ion-mobility, in identn. of explosives, mathematical models for, 12A22

pulsed-ionization miniature, instrumentation for, 12C17

spectrometry, Raman, FT, in identn. of ivory, chemometrics for, 12F19 FT, in prediction of specific gravity of ivory, chemometrics for, 12F19 in analysis of biological cells and tissues, imaging in, 12F35

in analysis of polymer blends, data processing in, 12E92

in process control of electronic devices, 12E37

in study of air-liquid interface of aromatic hydrocarbons, 12C56

micro-, imaging methodologies in, comparison of, 12C51

surface-enhanced, in study of interactions of G-quadruplex-conformed oligonucleotides with homidium derivatives, 12F342

surface-enhanced, substrates for, silver-coated gold nanoparticles as, 12C58

spectrometry, scattering, neutron, in measurement of americium-241lithium radionuclide source spectrum, 12C97

spectrometry, scattering, X-ray, small angle, gas detectors for, positionsensitive, time-stamp time-to-digital converter for, analysis of fluorescence effects in, 12C95

spectrometry, thermal-lens, instrumentation for, desk-top, in detmn. of C.I. Food Yellow 3, in water, 12C61

total internal reflection in, in surface analysis of thin films, 12E15 spectrometry, X-ray, detectors for, Controlled-Drift as, 12C41

spectrophotometry, absorption, ultra-violet - visible, curve resolution in, mathematical models for, 12C50

flow-injection, in detmn. of nitrates and nitrites, 12D69

in detmn. of dextropropoxyphene and dipyrone, in pharmaceuticals, mathematical models for, 12G36

in detmn. of sulfite, effect of transition metals on, 12D84

in detmn. of uranyl ion, in sea water, sediments, soil and water, uranyl ion imprinted polymer particles for, 12H72

in measurement of angiotensin I enzyme inhibitory activity of partially deacetylated heterochitooligosaccharides, 12F128

kinetic, reagents for, 4-chloro-7-nitrobenzofuran and potassium permanganate, in detmn. of dothiepin hydrochloride in pharmaceuticals, 12G84

microplate systems for, in detmn. of lead(II), 12D66

reagents for, p-acetylchlorophosphonazo-barium(II) complex as, in detmn. of proteins, in serum, 12F211

reagents for, arsenazo III, in characterization of uranium(VI) ions on cationic ion-exchange materials, 12D53

reagents for, bromate and bromide as, in detmn. of salbutamol sulphate, in pharmaceuticals, 12G188

reagents for, bromophenol blue and chitosan as, in detmn, of ionic surfactants, 12E87

reagents for, cetylpyridinium chloride, phenylfluorone and Triton X-100 as, in detmn. of manganese, in fertilizers and pharmaceuticals, 12G170

reagents for, diphenyl picryl hydrazyl as, in detmn. of antioxidants in Canada goldenrod herbal teas and tinetures, 12G233

reagents for, 1,1'-disulfobutyl-3,3,3',3'-tetramethylindotricarbocyanine as, in detmn. of proteins, in biological fluids, 12F173

reagents for, leuco-xylene cyanol FF as, in detmn. of iron(III) in aluminium and environmental materials, 12H3

reagents for, vanadium(III) chloride/sulfanilamide/N-(1-naphthyl) ethylenediamine as, in detmn. of nitrate, 12D72

spermatozoa, study of partition behaviour of, by CCC coupled with centrifugation, 12A42

spinach, sepn. of angiotensin-1-converting-enzyme inhibiting peptides in digested, by HPLC, 12H339

spleen, detmn. of trace elements in, by GPC and ICP MS, 12F43

squid, detmn. of trace elements in, by ICP MS and NAA, for environmental monitoring, 12H79

stannane derivatives, butyl-, detmn. of, in sediments, by ICP MS, extraction in, 12H178

stannane derivatives, tributyl-, detmn. of, in environmental materials, review, 12H123

stannane, tributyl-, detmn. of, in marine sediments, in international intercomparison study, 12H157

detmn. of, in sediments, by GC-ICP MS or HPLC-ICP MS, isotope dilution in, solvent accelerated extraction in, 12H162

Staphylokinase variant SY161, detmn. of PEGylated, unPEGylated and sulfitolyzed, in fermentation liquors, by reverse-phase chromatography, 12E95

statistics, in analysis of beta decay of germanium-76, computer programs for, 12A37

of interlaboratory study, in detmn. of uncertainty, in detmn. of erythromycin, by LC, 12G75

steel, detmn. of elements in, by ICP AES, instrumentation for, 12E19 detmn. of elements in, by ICP MS, calibration in, 12E28

detmn. of elements in, by laser-induced plasma AES, instrumentation for, 12E29

industrial analysis of, by glow-discharge AES, overview, 12E22

steel, stainless, detmn. of metal compounds in, by grazing exit electron micro-probe analysis, 12E9

steroids, detmn. of, by capillary HPLC-MALDI MS, reactive matrix for, 12G156

study of retention behaviour of, with calix[8]arene-based stationary phases, by NMR, 12G158

steviol, detmn. of, in blood, by HPLC and TLC, 12G178

stevioside, detmn. of, in blood, by HPLC and TLC, 12G178

stibine, trimethyl-, measurement of antimony isotope ratios in, by GC-ICP MS, 12D91

stilboestrol, detmn. of, in bovine urine, from animals for human consumption, by GC-MS, immunoaffinity chromatography in, 12H292

strawberry, detmn. of anthocyanins, ascorbic acid, carbohydrates and total acids in, by HPLC, spectrophotometry and titrimetry, 12H331

stromelysin 1, assay of, in plasma, by fluorimetry, 12F313 strontium, detmn. of, ISE for, 12D48

strontium-89, study of Bremsstrahlung spectra produced by β-particles of, in metal targets, 12D51

strontium-90, sepn. of, from nuclear waste, by ICP AES and liquid scintillation counting, 12H142

styrene derivatives, sepn. of, by 2D LC, 12D97

styrene, octachloro-, detmn. of, in biological and environmental materials, by GC-MS, 12H26

subtilisins, assay of, by FIA, instrumentation for, stationary phases for, 12F91

sucrose, detmn. of, by spectrometry, microfluidic systems for, 12F124 study of release of volatile flavour compounds from solutions of, by GC, mathematical models for, 12H267

sugar beef, analysis of, by IR and mid-IR spectrometry, review, 12H270 sugar cane, analysis of, by IR and mid-IR spectrometry, review, 12H270 sugar juices, analysis of, by IR and mid-IR spectrometry, review, 12H270 sulfide, dimethyl, detmn. of, sensors for, 12A82

sulfite, detmn. of, by kinetic spectrophotometry, calibration in, 12D83 detmn. of, by spectrophotometry, effect of transition metals on, 12D84 sulfite oxidase, measurement of electron transfer of, electrodes for, 12F300

sulfonic acids, sepn. of aromatic, by CZE, capillaries for, 12E114 sulforaphane, detmn. of, by cyclic voltammetry, 12G237 sulfotransferases, assay of subfamily 1A, in hepatoma biological cells, by

competitive reverse-transcription PCR, 12F303 sulfoxide, dimethyl, detmn. of, biosensors for, 12D119 sulfur, detmn. of elemental, in thiophanate-methyl, by HPLC, 12A9

detmn. of, in diesel fuel, by NIR spectrometry, calibration in, 12E70 sulfur dioxide, detmn. of, by micro-ICP, 12D85

sulfuric acid, detmn. of boron in high-purity, by ICP MS, 12E21 sulfuric acid dimethyl ester, detmn. of, by GC-MS, reagents for, 12D120 sulphadimidine, detmn. of, in pork, by HPLC, 12H297

sulphathiazole, detmn. of, in Type C medicated swine feeding stuffs, by LC, 12H241

sunflower-seed oil, detmn. of di- and triglycerides in, by HPLC-APCIMS, 12E106

detmn. of fatty acids in, by titrimetry, 12H327

detmn. of oxidized triglycerides in, by GPC and LC, effect of refining process on, 12H309

surface analysis, of diazonium-modified films, by AFM, 12E10 of thin films, by thermal-lens spectrometry, 12E15

surfactants, ionic, detmn. of, by spectrophotometry, reagents for, 12E87 sweeteners, detmn. of saccharin in, by potentiometric titration, 12H266

T

tallow, detmn. of oxidized cholesterol derivatives in post-processing, by GC, GC-MS, SPE in, 12H308

tamoxifen, detmn. of, in pharmaceuticals, by GC, 12G107 detmn. of, in urine, by GC, 12G108

tartaric acid, sepn. of enantiomers of, by ion-pair capillary electrophoresis, chiral counterions for, 12D103

tea, detmn. of organic compounds and VOC in, sensors for, chemometrics in, 12H371

detmn. of polyphenols in herbal, biosensors for, 12H368

teeth, detmn. of copper, lead and manganese in, by AAS, sample prep. in, 12F52

tellurium, detmn. of, in petroleum, by AAS, sample prep. in, 12E72 telmisartan, detmn. of, in urine, by HPLC, optimization of, 12G154 temperature, detmn. of paleo-, by measurement of alkenone ratio, by MS,

non-linear effects in, 12E59
measurement of plasma, in ICP MS, by spectrometry, 12C77
tenamfetamine, sepn. of, in plasma and urine, by HPLC, 12G185
tenamfetamine, N-ethyl-, sepn. of enantiomers of, in plasma and urine,

by HPLC, 12G185

tenofovir, detmn. of, in plasma, by HPLC, 12G128 terpene lactones, detmn. of, in plasma, by LC-APCIMS, 12G234

terpenoids, mono-, sepn. of, by GC, stationary phases for, 12D138 testosterone, detmn. of, in plasma, by HPLC, 12F154

tetracyclines, detmn. of, and their 4-epimers, in biological tissues, from animals for human consumption, by HPLC-electrospray MS, 12H282 detmn. of, in manure and soil, by ELISA, 12H141

textiles, detmn. of dyes in historical Copic, by HPLC, detectors for,

thermodynamics, measurement of parameters, in sepn. of γ -lactone and menthol homologues, by GC, 12B16

thiamine, analysis of, by HPLC, validation in, 12G174 thiocyanate, detmn. of, in urine, by GC-MS, 12F80

thiols, detmn. of, in dough, by HPLC, reagents for, in study of effects of ascorbic acid addition, 12H273

detmn. of, on biological cell surfaces, by fluorimetry, reagents for, 12F383

detmn. of, reagents for, validation in, review, 12D98 detmn. of, sensors for, 12F208

thiophanate-methyl, detmn. of elemental sulfur in, 12A9

thioridazine 5-sulfoxide, sepn. of enantiomers of, in plasma, by capillary electrophoresis, 12G135

thorium, detmn. of, in monazite, by ICP AES, extraction in, 12E66 extraction of tetravalent, resins for, 12D56

threonine, phospho-, detmn. of, in peptides and proteins, by MALDITOF MS, 12F163

Thymus capitatus, identn. of organic compounds in essential oils of, by GC-MS, in study of antimicrobial activity, 12G211

thyroid gland, detmn. of trace elements in, by GPC and ICP MS, 12F43 ticarcillin, detmn. of, in biological fluids, by HPLC, 12G79

ticlopidine, detmn. of, in plasma, by GC - ion-trap MS, 12G155

(R)-timolol, detmn. of, and related materials, in timolol maleate, by LC, chemometrics for, 12G147

detmn. of, and related materials, in timolol maleate, by LC, stationary phases for, 12G147

timolol, detmn. of, in ophthalmic preparations, by TLC, detection in, 12G146

timolol maleate, detmn. of (R)-timolol and related materials in, by LC, 12G147

tin, analysis of d.c.magnetron reactive sputtering of, by glow-discharge MS and residual gas analysis MS, 12E25

detmn. of, in oyster, by GC-ICP MS, sample prep. in, 12F69

titanium, analysis of d.c.magnetron reactive sputtering of, by glow-discharge MS and residual gas analysis MS, 12E25

detmn. of aluminium in, by glow-discharge MS, relative sensitivity factors in, 12E20

detmn. of, in paint, by XRF, 12E103

titanium oxide (TiO₂), characterization of, as anti-reflective coatings in solar cells, by MS, 12E26

detmn. of, in silicates, by FIA, sample prep. in, 12E53
titrimetry, pH-metric, in detmn. of fatty acids, in fats and oils, 12H327
reagents for, bromate and bromide as, in detmn. of salbutamol sulphate,
in pharmaceuticals, 12G188

titrimetry, complexometric, indicators for, N-benzoyl-N-phenylhydroxylamine as, in detrma. of vanadium(IV), 12D77

titrimetry, fluorimetric, in measurement of binding constants of peptides, on microarrays, 12F202

titrimetry, potentiometric, electrodes for, carboxylated and methylated porphine-based PVC membranes as, in detmn. of nickel ion, 12H155 in measurement of stability constants of complexes of cadmium and zinc ions, with 2-hydroxypropene-1,3-diamine-NNN'N'-tetraacetic acid, 12D52

in speciation of alkali-metal complexes of phytic acid, 12F382 tobacco smoke, detmn. of aromatic amines in, by GC-tandem MS,

12H154 detmn. of tobacco-specific nitrosamines in, by LC-electrospray tandem

MS, 12H34 tobramycin, detmn. of, in serum, by FPIA and LC-tandem MS, 12G80

tocramycin, detimin. of, in serum, by FPIA and LC-tandem MS, 12G80 tocopherol, sepn. of, by TLC, stationary phases for, 12B67 a-tocopheryl acetate, sepn. of, by TLC, stationary phases for, 12B67

tolmetin, detunn, of, and its degradation products, by HPLC, validation in, 12G41

toluene, 2,4,6-trinitro-, detection of, continuous-flow immunosensors for, recombinant antibodies for, 12E109

detmn. of, by chemiluminescence EIA, 12E83

tomato, detmn. of fenitrothion and metabolites in, by HPLC, LC-electrospray MS, NMR, scintillation counting and TLC, 12H343

tomato juice, detmn. of carotenoids in, by LC, 12H351

tomography, positron emission, in detmn. of neurotransmitters, in brain, 12F160

tooeleite, detmn. of, in acid mine waste water, by bioassay, SEM, X-ray absorption spectrometry and XRD, effect of bacteria on, 12H146

toxins, analysis of, in urine, by NMR, for classification of toxicity, chemometrics for, 12F72 detection of paralytic shellfish poisoning, in shellfish, by receptor assay,

optimization of, 12H296 trace analysis, of high-purity copper, by glow-discharge AES and glowdischarge MS, in round robin study, 12E23

trace elements, detrmi. of, in analytical standards, by ICP MS and isotope dilution, 12C83

detmn. of, in automotive paints, by laser ablation ICP MS, 12E76

detmn. of, in biological tissues, by GPC and ICP MS, 12F43

detmn. of, in cloud and fog, samplers for, 12H118

detmn. of, in fluoride powders, by ICP MS, isotope dilution in, 12E48 detmn. of, in geological materials, by isotope dilution-ICP MS, 12E47 detmn. of, in gold archaeological materials, by ion micro-probe

analysis, in study of metal provenance, 12E121

detmn. of, in hair, by NAA, 12E122 detmn. of, in metalloproteins, by capillary electrophoresis-ICP MS, 12F169

detmn. of, in porcine liver, by HPLC-electrospray MS, HPLC-ICP MS and ICP AES, 12F48

detmn. of, in sea water, by ICP AES and ICP MS, SPE in, 12H81

detmn. of, in solids, by laser-ablation ICP MS, study of particle behaviour in, imaging in, 12C79

detmn. of, in squid, by ICP MS and NAA, for environmental monitoring, 12H79

detmn. of, in water, by ICP AES, SPE in, 12H131 detmn. of, in water, by ICP MS, data processing in, 12H70

detmn. of, in water, by ICP MS, instrumentation for, 12C70

detmn. of, in waters, by voltammetry, 12H74

speciation of, in biological materials, by ICP MS, 12F5

tramadol, detmn. of, by flow-injection square-wave voltammetry, 12G51 detmn. of, in human milk, by HPLC, 12G62

transition-metal complexes, study of interactions of photoactive, with DNA, by capillary electrophoresis, 12F366 transition-metal ions, characterization of ethylenediaminetetra-acetate

complexes of, by chromaticity, 12D31 tree, detmn. of arsenic in bark of, by ICP MS, 12H233

detmn. of metals distribution in stem of, by XRF, 12H238 trichlorfon, detmn of, in air, sensors for, 12H56

trimethylamine, detection of, biosensors for, 12A62 tripropylamine, detmn. of, sensors for, 12D116

Triticum aestivum, detmn. of 2,4-dichloroaniline and 2,4-dichlorophenol in, by HPLC-MS, 12H218

detmn. of silica in, by AAS, Raman spectrometry, SEM, X-ray spectrometry and XRD, 12H204

Triton X-100, detmn. of 1.4-dioxane in, by GC-MS, 12E104

Troeger's base, enantiomeric sepn. of, by capillary electrophoresis, chiral selectors for, 12B61

tropane derivatives, detmn, of technetium-99m labelled, by HPLC and LC-MS, 12F398

troponin I, detmn. of, in blood, by automated analysis, 12F234 detmn. of, in blood, by automated analysis, processes in, 12F233 detmn. of, in plasma and serum, by immunoassay, antibodies for, 12F228

trout, detmn. of PCB and phenols in, by GC-MS, 12H286

DL-tryptophan, detmn. of enantiomers of, by HPLC, stationary phases

tryptophan, detmn. of, in hepatocytes, by CZE, electrodes for, 12F193 DL-tryptophan, dansyl-, detmn. of enantiomers of, by HPLC, stationary phases for, 12F276

tumour necrosis factor-a, detmn. of, by two bead immunoassay, 12F212 tungsten, detmn. of hexavalent, in sediments and water, by spectrophotometry, SPE in, 12H132

Tween 80, detmn. of, in parenteral solutions, by HPLC, 12G230 tyrosine, detmn. of, in foods, by LC-MS, 12H260 differentiation of natural and synthetic, by NMR, 12F247

study of interactions of, with DNA, by fluorescence, 12F348

ubiquinones, detmn. of, in biological materials, by bioassay and spectrophotometry, 12F304

umbilical cord, detmn. of arecoline in serum of, by HPLC-electrospray MS, 12G70

uranium, detmn. of, in environmental materials, by y-ray spectrometry, evaluation of y lines for, 12H15

detmn. of, in phosphoric acid, by gamma-ray spectrometry, 12E45 detmn. of, in urine, by thermal-ionization MS, 12F86

detmn. of total, in thermo-mineral spring water, by laser-induced fluorimetry, 12H115

extraction of, from wet process phosphoric acid, by liquid-emulsion membrane extraction, reagents for, 12E46 extraction of hexavalent, resins for, 12D56

measurement of ratio to lead-206 of, in minerals, by ICP MS, in geochronology study, 12E56

measurement of ratio to lead-206 of, in zircon, by ICP MS, in geochronology study, 12E57

uranium ion (U6+), characterization of sorption of, on cationic ion-exchange materials, by adsorptive-stripping voltammetry and spectrophotometry, mathematical models for, 12D53

characterization of sorption of, on cationic ion-exchange materials, by adsorptive-stripping voltammetry and spectrophotometry, reagents for, 12D53

uranyl ion (UO22+), detmn. of, in sea water, sediments, soil and water, by spectrophotometry, preconcentration in, 12H72 detmn. of, ISE for, 12A75

ureas, phenyl-, detmn. of, in waste water and water, by LC-MS, 12H7 uric acid, detection of, by electrochemical analysis, redox probes for,

detmn. of, in brain, sensors for, 12F386

urine, analysis of drugs in, by NMR, for classification of toxicity, chemometrics for, 12G23

analysis of toxins in, by NMR, for classification of toxicity, chemometrics for, 12F72

characterization of piperine metabolite in, by HPLC-electrospray MS, 12F108

detection of drugs of abuse in equine, by GC-MS, 12G31

detection of metabolites in, as phospholipidosis biomarkers, by LC-electrospray MS, data processing in, 12F14

detmn. of albumin in, by immunoassay, reagents for, 12F229 detmn. of aliphatic amines in, by spectrophotometry, 12D125

detmn. of alkyl methylphosphonates in, by GC-MS, derivatization in, 12F130

detmn. of 7-aminoclonazepam in, by GC-MS, SPE in, 12G92

detmn. of aminothiols in, by HPLC, 12F29

detmn. of anthocyanins in, by HPLC, 12F44

detmn. of antidepressants and tamoxifen in, by GC, 12G108

detmn. of antineoplastics in, by HPLC, 12G109

detmn. of arecoline in, by HPLC-electrospray MS, 12G70

detmn. of arseno-sugars in, by HPLC-electrospray MS and HPLC-ICP MS, 12F87

detmn. of ascorbic acid in, by FIA, ISE for, 12A69

detmn. of benzo[a]pyrene and its metabolites in, by LC-tandem electrospray MS, 12F81

detmn. of bismuth in, by AAS, chemical modifiers for, 12F90

detmn. of bupivacaine and metabolites in, by capillary electrophoresiselectrospray MS, 12G168

detmn, of cadmium and lead in, by AAS, atomizer for, 12F89 detmn. of cadmium in, by ET AAS, digestion in, 12F73

detmn. of calcium dobesilate in, by flow-injection chemiluminescence,

12G245 detmn. of calcium isotope ratios in, by ICP MS, 12F51 detmn. of cannabinoids in, by GC-MS and immunoassay, 12G255

detmn. of cefetamet in, by adsorptive stripping voltammetry, 12G82 detmn. of cefoperazone in, by square-wave voltammetry, electrodes for, 12G17

detmn. of cimetidine in, by flow-injection spectrophotometry and spectrophotometry, 12G162

detmn. of corticosteroids in, by LC-tandem MS, 12G160

detmn. of cotinine, nicotine and thiocyanate in, by GC-MS, 12F80 detmn. of creatinine and hippuric acid in, by MEKC, 12F99

detmn. of creatinine and pseudouridine in, by HPLC, 12F246

detmn. of DA 7867 in, by HPLC, 12G81

detmn. of daunorubicin in, by differential pulse voltammetry, electrodes for, 12G112

detmn. of 2'-deoxy-8-hydroxyguanosine in, by LC-APCI tandem MS, 12F57

detmn. of dienoestrol, hexoestrol, stilboestrol and zeranol in bovine, from animals for human consumption, by GC-MS, immunoaffinity chromatography in, 12H292

detmn. of drugs in, by GC-MS, extraction in, 12G34

detmn. of drugs in, by LC-MS, SPME in, review, 12G28

of endogenous and stable isotope-labelled 6β,11β,17,21tetrahydroxypregn-4-ene-3,20-dione in, by GC-MS, 12F156

detmn. of ephedrine derivatives in, by GC, 12G193

detmn. of ephedrine derivatives in, by LC-tandem MS, collaborative study, 12G194

detmn. of 8-epiprostaglandin F2a in, by GC-tandem MS, immunoaffinity chromatography and TLC in, divergence of results in, 12F140

detmn. of free and total X6-(carboxymethyl)-L-lysine in diabetic and normal, by HPLC, 12F275

detmn. of furazolidone in, sensors for, 12G123

detmn. of hydrocortisone and 6β,11β,17,21-tetrahydroxy-pregn-4-ene-3.20-dione in, by HPLC, effect of grapefruit juice on, 12G159 detmn. of 2-hydroxyfluorene in, by HPLC, detectors for, 12F7

detmn. of imatinib mesilate and its main metabolite in, by CZE, 12G117 detmn. of iodide in, by ion chromatography-electrospray MS and ion chromatography-ICP MS, 12F50

detmn. of malonaldehyde in, by HPLC, derivatization reagents for, 12F394

detmn. of MDPPP in, by GC-MS, SPE in, 12G187

detmn. of metabolites in, by HPLC-electrospray MS, chemometrics for, 12F18

detmn. of metamfetamine and its metabolites in, by capillary electrophoresis-MS, 12G183

detmn. of methadone and its metabolites in, by EIA, 12G56

detmn. of methadone and methoin in, by capillary electrophoresis, 12694

detmn. of methaqualone and its metabolites in, by capillary electrophoresis, 12G134

detmn. of methylphenidate in, by ELISA, 12G184 detmn. of MPPP in, by GC-MS, SPE in, 12G186

detmn. of neurotoxins in, by ICP MS, microwave digestion in, 12F67

detmn. of organophosphorus pesticides and their metabolites in, by HPLC-electrospray tandem MS, 12F63

detmn. of oxycodone metabolites in, by GC, 12G57

detmn. of platinum-group metals in, by flow-injection ICP MS, online preconcentration in, 12F94

detmn. of plutonium-239 in, by ICP MS, introduction system in, 12F91 detmn. of poisons in, biosensors for, 12F96

detmn. of protein S-100b in preterm infant, by immunoluminometric assay, 12F232

detmn. of pyren-1-ol in, by fluorescence, SPE in, 12F64

detmn. of ropivacaine and its metabolites in, by LC, LC-MS and LCtandem MS, 12G166

detmn. of salicylate in, ISE for, 12G53

detmn. of selenium metabolites in, by HPLC-ICP MS, 12F47

detmn. of telmisartan in, by HPLC, optimization of, 12G154

detmn. of uranium in, by thermal-ionization MS, 12F86

detmn. of venlafaxine in, by adsorptive stripping voltammetry, electrodes for, 12G88

detmn. of zinc in, by ion-exchange chromatography and ICP MS, 12F84 quantification of (2-methoxyethoxy)acetic acid in, by GC-MS, 12F395 sepn. of enantiomers of selegiline hydrochloride and its metabolites in, by capillary electrophoresis, dual cyclodextrin system for, 12G256

sepn. of N-ethyltenamfetamine enantiomers in, by HPLC, 12G185 speciation of arsenic in, by electrospray MS and HPLC-ICP MS, 12F85

ursodeoxycholic acid, detmn. of, in pharmaceuticals and pharmaceutical raw materials, by capillary electrophoresis, 12G236

ursolic acid, detmn. of, in medicinal plants, by GC, SPE in, 12G206

V

validation, in detmn. of thiols, reagents for, review, 12D98 of analysis of pharmaceutical preparations, by HPLC, 12G174 of cleanliness, in manufacturing, by mid-IR spectrometry, 12E6 of consensus of proteomics, with clinical analysis, chemometrics for,

of CRM, in speciation of selenium, by HPLC and ICP AES, 12D81 of detmn. of DRF 1042, in plasma, by HPLC, 12G251

of detmn. of 3-methoxyxanthone and xanthone, in pharmaceuticals, by HPLC, 12G225

of detmn. of ragaglitazar, by capillary electrophoresis, 12G104 of detmn. of selenium, in feed, by AAS, 12H239

of detmn. of tolmetin and its degradation products, by HPLC, 12G41

of LC-MS, for detmn. of cocaine and opiates, in meconium, 12G61 of SPE, for detmn. of fatty acids, in meat, by GC, 12H279

of spectrometric computer programs, 12C8

Societe Française des Sciences et Techniques Pharmaceutiques guide on, of chromatographic bioanalytical methods, 12A8

vanadium, detmn. of tetravalent, by complexometric titrimetry, indicators for, 12D77

speciation of, in serum, by GPC-ICP MS, optimization of, 12G257

vapours, detection of, sensors for, data processing in, 12A60 detmn. of effluent, in waste gases, by IR spectrometry, hyperspectral imaging in, chemometrics for, 12H139

veal, detmn. of 4-epioxytetracycline and oxytetracycline, by HPLC-electrospray MS, 12H284

vegetable oils, classification of, by luminescence, chemometrics for,

detmn. of oxidized triglycerides in, by GPC and LC, effect of refining process on, 12H309

vegetables, detmn. of napropamide in, by fluorimetry, 12H196

velocity, measurement of, of flowing particles, by capillary electrophoresis, microfluidic systems for, 12A99

venlafaxine, detmn. of, in urine, by adsorptive stripping voltammetry, electrodes for, 12G88

venom, snake, analysis of Colubroidea, by LC-MS, 12F109

verbenone, detmn. of metabolites of, in liver microsomes, by HPLC. 12F393

versican, characterization of, in aorta, by GPC, HPLC, immunoblotting and PAGE, 12F226

virus, herpes, study on binding process of glycoprotein D with, biosensors

virus, tobacco mosaic, detection of, sensors for, molecular recognitionbased, overview, 12A92

vitamins, detmn. of chromium(III) in, by differential pulse voltammetry, electrodes for, 12G169

vodka, detmn. of elements in, by ICP MS, internal standardization in, 12C86

volatile compounds, detmn. of, in goat's cheese, by GC-MS, SPME in,

detmn. of, in water, by GC, extraction in, review, 12A47

voltammetry, electrodes for, diethyltin dichloride-modified platinum, in detmn. of nitrate and nitrite, 12D76

fast scan, in detmn. of adenosine, electrodes for, 12F388

in detection of DNA hybridization, probes for, 12F336

in detmn. of heavy metals, in metallurgical waste water, electrodes for, 12H138

in detmn. of silver(1) ions, charge transfer reactions in, 12D42 pseudo-, in detmn. of lead complexes, in oxic and sulfidic water, 12H87

ultrasound, effect of potential scan rate on redox reactions in, 12A94 voltammetry, adsorptive stripping, electrodes for, mercury-film microin detmn. of venlafaxine, in urine, 12G88

methods for, comparison of square-wave and differential pulse, in detmn. of chromium in leaves, in monitoring of atmospheric contamination, 12A93

reagents for, DTPA as, in detmn. of trace chromium(VI) ion in water, 12H63

voltammetry, cyclic, electrodes for, C_{60} fullerene-modified vitreous carbon, in detmn. of cysteine, 12F207

electrodes for, prussian-blue-modified glassy-carbon-paste, in detmn. of hydrogen peroxide, 12A97

in detmn. of phenol, electrodes for, 12D126

in detmn. of sulforaphane, 12G237

in study of electrochemical behaviour of diphenyl disulfide and thiophenol in acrylonitrile, electrode effects in, 12D131

in study of electrochemical stabilities of nanospray emitters, 12A95 in study of ion transfer across liquid-liquid interfaces, effect of phase volume ratio in, 12D1

voltammetry, differential pulse, electrodes for, multi-walled carbon nanotube-modified, in detmn. of daunorubicin, 12G112

ion-exchange. electrodes for, poly(N-chloranil N.N.N'.N'tetramethylethylene diammonium dichloride)-modified hanging mercury drop, in detmn. of β-lactam antibiotics in plasma, 12A98 VX, detection of, by GC-MS, SPME in, 12E115

warfarin, sepn. of enantiomers of, and its metabolites, in by CZE, chiral selectors for, 12G140

waste, detmn. of cyanide in industrial, by colorimetry, 12H12 of PCB, PCDD and PCDF in, by high-resolution GC-MS. detmn.

12H145 waste gases, detmn. of effluent vapours in, by IR spectrometry,

hyperspectral imaging in, chemometrics for, 12H139 detmn. of elements in, by GC, sample prep. in, 12H148

detmn. of metals in, by ICP AES, 12H137

measurement of antimony isotope ratios in, by GC-ICP MS, 12D91

waste solids, characterization of organic matter in, by diffuse reflectance FTIR spectrometry and NMR, extraction in, 12H147 detmn. of PAH and petroleum hydrocarbons in, by GC and GC-MS,

Soxhlet extraction in, 12H150 waste solids, sewage sludge, detmn. of polycyclic musks in, by GC -ion-trap MS and GC-MS, 12H143

waste water, detection of polar pollutants in, by LC-electrospray MS. sequential SPE in, 12H114

detection of solvents in, sensors for, molecular recognition-based, overview, 12A92

detmn. of acidic pesticides in, by GC-MS and HPLC, 12H104 detmn. of acrylic acid butyl ester and butan-1-ol in, by GC, 12H31

detmn. of aliphatic amines in, by spectrophotometry, 12D125

detmn. of alkylethoxyphenols and alkylphenols, by HPLC, membrane extraction in, 12H124

detmn. of alkylethoxyphenols in, by flow-injection EIA, 12H76 detmn. of antibiotics in, by HPLC-electrospray MS, SPE in, 12H106 detmn. of anti-inflammatories in, by LC-electrospray MS, 12H83

of bisphenol A in, by GC-MS, lab-scale microfiltration membranes for 12H149

detmn. of bisphenol A in, by HPLC, online extraction in, 12E117 detmn. of carbamazepine and its metabolites in, by LC-electrospray tandem MS, 12H66

detmn. of carbamic acid esters and phenylureas in, by LC-MS, 12H7 detmn. of chlorobenzene derivatives and chlorophenols in coking plant, by GC-MS, 12H153

detmn. of elements in, by GC, sample prep. in, 12H148

detmn. of heavy metals in metallurgical, by voltammetry, electrodes for, 12H138

detmn. of iron in, by ICP MS, 12C84

detmn. of nickel ion in, sensors for, 12H155

detmn. of nitrate and nitrite in, by voltammetry, electrodes for, 12D76

detmn. of 4-nonylphenol in, by GC-MS, SPME in, 12H120

detmn. of phenols in, biosensors for, 12A56

detmn. of polycyclic musks in, by GC - ion-trap MS and GC-MS, 12H143

measurement of BOD of, sensors for, 12H151

measurement of COD of, by titrimetry, microwave digestion in, 12H140 speciation of arsenic and detmn. of tooeleite in acid mine, by bioassay, SEM, X-ray absorption spectrometry and XRD, effect of bacteria on. 12H146

speciation of chromium in, by spectrophotometry, sample prep. in, 12H62

water, detection of acetochlor in, immunosensors for, 12H198 detection of Cryptosporidium parvum hsp70 messenger RNA in, DNA

probes for, 12H67

detection of polar pollutants in, by LC-electrospray MS, sequential SPE in, 12H114

detmn. of acidic pesticides in, by GC-MS and HPLC, 12H104 detmn. of acrylic acid butyl ester and butan-1-ol in, by GC, 12H31

detmn. of aliphatic amines in, by spectrophotometry, 12D125 detmn. of aliphatic hydrocarbons in, by GC, extraction in, 12H136

detmn. of alkylethoxyphenols and alkylphenols, by HPLC, membrane extraction in, 12H124

detmn. of alkylethoxyphenols in, by flow-injection EIA, 12H76 detmn. of alkylphenols and alkylphenol ethoxylates in, by GC-MS, HPLC and HPLC-electrospray tandem MS, 12H20

detmn, of aluminium and chromium ions in, by ICP AES, sample prep, in, 12F41

detmn. of aluminium, mercury and silver ions in, by ICP MS, sample prep. in, 12H73

detmn. of amino-sugars and neutral carbohydrates in, by HPLC, detection in, 12H105

detmn. of ammonium and potassium ions in, sensors for, 12H64 detmn. of antibiotics in, by HPLC-electrospray MS, SPE in, 12H106 detmn. of anti-inflammatories in, by LC-electrospray MS, 12H83

detmn. of aromatic amines in, by GC-MS, 12H107 detmn. of aromatic compounds in, by ion-trap MS, SPME in, 12H40 detmn. of arsenic in, by ET AAS, liquid-phase microextraction in, 121495

detmn. of ascorbic acid in, by HPLC, 12H91

detmn. of bisphenol A in, by HPLC, online extraction in, 12E117 detmn. of butachlor in, by ELISA, 12H195

detmn. of cadmium in, by single drop surface-modified ETAAS, 12H97 detmn. of carbamazepine and its metabolites in, by LC-electrospray tandem MS, 12H66

detmn. of carbamic acid esters and phenylureas in, by LC-MS, 12H7 detmn. of carbaryl in, by flow-injection amperometry and flow-injection spectrophotometry, 12H65

detmn. of ceftriaxone in, by HPLC, in study of stability, 12G83 detmn. of C.I. Food Yellow 3 in, by thermal-lens spectrometry, 12C61

detmn. of copper and iron in, by kinetic spectrophotometry, 12H134 detmn. of copper and lead in, by AAS, SPE in, 12D28

detmn. of copper(II) in, by kinetic spectrophotometry, 12D44 detmn. of o-cresol and phenol in, by spectrophotometry, 12H60

detmn. of cyanide in, by colorimetry, 12H12

detmn. of cyanide in, by flow-injection fluorimetry, 12D65 detmn. of diclofenac in, by GC-MS, SPE in, 12H108

detmn. of elements in, by electrothermal vaporizer ICP MS, 12H98 detmn. of elements in, by ICP MS, chemometrics for, 12E67

detmn. of endocrine disruptors in, by LC-sonic spray MS, SPE in, 12H127

detmn. of ferbam in, by flow-injection spectrophotometry, 12H203 detmn. of gold in, by ET AAS, sample prep. in, 12H129

detmn. of haloacetic acid derivatives in, by GC-MS, detectors for, derivatization in, 12H68

detmn. of heavy metals in, by anodic-stripping voltammetry, chemiluminescence, GPC and ion-exchange chromatography, 12H59

detmn. of herbicide residues in, by HPLC, 12H125 detmn. of higher n-alkanes in, by GC, SPME in, 12A43

detmn. of, in water, by capillary electrophoresis, detection in, in tracing of groundwater migration, 12H86

detmn. of iodine derivatives of phenol in, by GC-ICP MS, SPME in, 12H101

detmn. of iron(III) in, by FIA, reagents for, 12H78

detmn. of lead complexes in oxic and sulfidic, by pseudovoltammetry, 12H87

detmn. of lead-210, potassium-40, radium-226 and total uranium in, from thermo-mineral springs, by α-particle spectrometry, γ-ray spectrometry and laser-induced fluorimetry, 12H115 detmn. of mercury in, by cold vapour ICP MS, 12H96

detmn. of mercury in, by flow-injection cold vapour ICP MS, SPE in,

detmn. of metal ions in, by AAS, SPE in, 12D29

detmn. of metals in, by flow-injection ICP AES, online SPE in, 12H133

detmn. of metals in, calibration in, 12H9

detmn. of metals, organochlorine pesticides, pentachlorophenol, semi-VOC and VOC in, by AAS, GC-MS and HPLC, 12H119

detmn. of methylmercury in, by GC-AFS, 12H5 detmn. of molybdenum(VI) in, by colorimetry and NIR spectrometry, reagents for, 12H135

detmn. of nitrate in, by spectrophotometry, reagents for, 12D72

detmn. of 4-nitrophenol in, biosensors for, 12H84

detmn. of nonyl- and octylphenol and their ethoxylates in, by LCtandem MS, 12H69

detmn. of 4-nonylphenol in, by GC-MS, SPME in, 12H120 detmn. of 4-nonylphenol in, by LC-MS, SPE in, 12H82

detmn. of oestrogens in, by GC-tandem MS, effect of sewage discharge on, 12H90

detmn. of organic compounds in, by HPLC, TLC in, 12H88

detmn. of organochlorine compounds and PAH in, by GC-MS and HPLC, extraction in, 12A44

detmn. of organochlorine pesticides in, by GC-ECD, SPME in, 12H111 detmn. of organophosphorus pesticides in, by GC-ICP MS, optimization of, 12H99

detmn. of organotin compounds in, by low-pressure GC-tandem MS, 12H30

detmn. of PAH in, by GC-MS, 12H121

detmn. of PAH in, by GC-MS, SPME in, 12H112

detmn. of palladium and platinum in, by AAS, extraction in, 12H130

detmn. of phenols in, by HPLC, derivatizing reagents for, 12H103 detmn. of phenylurea pesticides in, by HPLC, SPME in, 12H110

detmn. of primary amines in, by fluorimetry, sample prep. in, 12H61 detmn. of pyrimethanil degradation products in, by GC-MS and LC, 12H122

detmn. of rare-earth metals in, by LC-ICP MS, stationary phases for, 12H80

detmn. of scandium in, by flow-injection ICP AES, 12H93

detmn. of semi-VOC and VOC in, by GC-MS and MS, membrane interfaces for, 12H41

detmn. of strontium in, ISE for, 12D48

detmn. of trace chromium(VI) ion in, by adsorptive stripping voltammetry, reagents for, 12H63

detmn. of trace elements in, by ICP AES, SPE in, 12H131

detmn. of trace elements in, by ICP MS, data processing in, 12H70

detmn. of trace elements in, by ICP MS, instrumentation for, 12C70

detmn. of trace elements in, by voltammetry, 12H74

detmn. of tungsten(VI) in. by spectrophotometry, SPE in, 12H132 detmn. of uranyl ion in, by spectrophotometry, preconcentration in,

12H72 detmn. of volatile compounds in, by GC, extraction in, review, 12A47 environmental monitoring of, by detmn. of polycyclic aromatic

hydroxy-compounds, in fish bile, by GC-MS and HPLC, 12H116 of hydrolysis products of polycaprolactone-polycarbonate copolymer in PVC blend in, by GC-MS, SPME in, 12E105

identn. of oxidation products of high mol. wt. carboxylic acids in supercritical, by GC-MS, HPLC and NMR, for detmn. of oxidation pathways, 12D122

measurement of storage stability of cyanide in, 12D18 speciation of arsenic in, by HPLC-ICP MS, 12H4

water, high-purity, detmn. of silicate in, by flow-injection fluorimetry,

water, industrial, detmn. of copper and lead in, by AAS, SPE in, 12D28 water, potable, detection of total fungi and micro-organisms in, impedance method for, 12H102

detmn. of acidic pesticides in, by GC-MS and HPLC, 12H104

detmn. of acrylamide in, by GC-tandem MS, 12H77

detmn. of bismuth and copper in, by adsorptive stripping voltammetry, 12D15

detmn. of bisphenol A in, by HPLC, online extraction in, 12E117 detmn. of bromate in, by HPLC, compliance monitoring of, 12H109

detmn. of butachlor in, by ELISA, 12H195

detmn. of cadmium in, by single drop surface-modified ETAAS, 12H97 detmn. of copper and iron in, by kinetic spectrophotometry, 12H134

detmn. of cyanide in, by room-temperature phosphorescence, 12D14 detmn. of endocrine disruptors in, by LC-sonic spray MS, SPE in, 12H127

detmn. of lead(II) in, by spectrophotometry, microplate systems for, 12D66

detmn. of nitrite in, sensors for, 12D71

detmn. of phenols in, by HPLC, derivatizing reagents for, 12H103 detmn. of tungsten(VI) in, by spectrophotometry, SPE in, 12H132

water, sea, detmn. of copper(11) in, by kinetic spectrophotometry, 12D44 detmn. of elements in, by flow-injection ICP MS, 12H100 detmn. of elements in, by ICP MS, internal standardization in, 12C86

detmn. of iodide in, by isotachophoresis-capillary electrophoresis,

detmn. of mercury(II) in, ISE for, 12H75

detmn. of nitric oxide in, microelectrodes for, 12H128

detmn. of thorium in, by ICP AES, extraction in, 12E66

detmn. of trace elements in, by ICP AES and ICP MS, SPE in, 12H81

detmn. of trace elements in, by voltammetry, 12H74

detmn. of uranyl ion in, by spectrophotometry, preconcentration in, 12H72

environmental monitoring of, by detmn. of enantiomers of PCB atropisomers, in porpoise liver, by GC and GC-MS, 12H117

speciation of chromium in, by spectrophotometry, sample prep. in, 12H62

waterborne particulates, detmn. of organic carbon and nitrogen in, sample prep. in, 12H71

measurement of carbon and nitrogen isotope ratios in, by MS, sample prep. in, 12H71

weeping bottlebrush, identn. of organic compounds in essential oils of leaves of, by GC and GC-MS, 12H213

wheat, measurement of mol. wt. of glutenins in, by FFF, mass overloading in, 12H230

wine, detmn. of anthocyanins and proanthocyanidins in red and white, by HPLC, 12H362

detmn. of anthocyanins, antioxidants and phenols in, by HPLC, effect of storage on, 12H360

detmn. of aroma compounds and precursors in, by GC and GC-MS, SPE in, in study of bacterial malolactic fermentation, 12H364

detmn. of aroma compounds in, by GC-MS and potentiometric titrimetry, 12H359

detmn. of elements in, by AAS and ICP MS, 12H21

detmn. of furaneol, maltol and sotolon in, by GC-ion-trap MS, SPE in, 12H366

detmn. of lead in, by ICP MS, isotope dilution in, 12H354

detmn. of lignans in, by HPLC, 12H357

detmn. of pesticides in, by HPLC, SPE in, 12H356

detmn. of phenols in, by LC, SPE in, 12H355

detmn. of sulfite in, by spectrophotometry, effect of transition metals on, 12D84

study of polyphenols in, by LC-MS and MS, review, 12H369 wood, detmn. of PCB, PCDD and PCDF in, by GC-MS, 12E96

V

xanthine, detmn. of, by differential pulse cathodic-stripping voltammetry and square-wave cathodic-stripping voltammetry, 12F385

xanthone, detmn. of, in pharmaceuticals, by HPLC, validation in, 12G225 xanthone, 3-methoxy-, detmn. of, in pharmaceuticals, by HPLC, validation in, 12G225

xanthosine, detmn. of, by differential pulse cathodic-stripping voltammetry and square-wave cathodic-stripping voltammetry, 12F385

xenoestrogens, detmn. of, in plasma, by bioassay, in study of dietary exposure, 12F157

X-ray diffraction, detectors for XPAD as, 12C14

synchrotron radiation, in analysis of corroded bronze archaeological materials, 12E118

xylene, detmn. of arsenic, lead and mercury in, by ICP AES, nebulizers for, 12D24

V

yeast, detection of proteins in selenized, by HPLC-ICP MS, 12H257 detmn. of fenhexamid in, during wine fermentation, by HPLC, 12H223 detmn. of furaneol in shoyu, by HPLC, effect of medium on, 12F23

sepn. of BSA from, by expanded-bed adsorption ion-exchange chromatography, mathematical models of, 12F269

speciation of selenium in, by ICP MS, 12H276

ytterbium, detmn. of isotopes of, by multiple collector ICP MS, 12D59 yttrium, detmn. of, in minerals, by ICP AES, 12E52

Z

zearalenone, detmn. of, in maize, by LC-electrospray MS, extraction in, 12H206

detmn. of purity of crystalline, by DSC, ion chromatography, LC, LCtandem MS, NMR and spectrophotometry, 12H262

zeaxanthin, detmn. of, in aqueous humor, by HPLC, 12F396

zeranol, detmn. of, in bovine urine, from animals for human consumption, by GC-MS, immunoaffinity chromatography in, 12H292

zinc, depth profiling of, in conductive coatings, by glow-discharge TOF MS, 12E27

depth-profile analysis of thin coatings of, by glow-discharge TOF MS, 12E24

detmn. of, in analytical standards, by ICP AES, 12A4

detmn. of, in calculi, by XRF, 12F62

detmn. of, in paint, by XRF, 12E103

detmn. of, in plasma, by HPLC, reagents for, 12F106

detmn. of, in plasma, by HPLC, sample prep. in, 12F106

detmn. of, in soil, by AAS, SPE in, 12H169

detmn. of, in urine, by ion-exchange chromatography and ICP MS, 12F84

zinc ion (Zn²+), detmn. of, by EIA, alkaline phosphatase for, 12F36 measurement of stability constants of complexes of, with 2-hydroxypropene-1,3-diamine-NNN'N'-tetraacetic acid, by potentiometric titrimetry, 12D52

study of complexation, with sulfur-containing amino-acids, by differential pulse polarography, 12F235

zircon, detmn. of rare-earth metals and yttrium in, by ICP AES, 12E52 measurement of lead-206/uranium-238 ratio in, by ICP MS, in geochronology study, 12E57



AUTHOR INDEX

The names of authors are listed alphabetically, and prefixes are treated as part of the surname. Where two or more authors have the same surname and initials, no attempt at resolution has been made. For instance, William Smith and Walter Smith will be included under the single entry "Smith, W."

Aarhaug, T. A., 12H138 Abad-Villar, E. M., 12D3, 12F6 Abdel Gaber, A. A., 12A75, 12D34 Abdel Kream, N. A., 12A75, 12D34 Abdel-Latif, M. S., 12D35 Abdel-Rehim, M., 12G166 Abe, O., 12H35 Abe, S., 12B35 Abo, M., 12D119 Abou-El-Sherbini, K. S., 12H73 Abou-Shakra, F., 12F111 Aboul-Enein, H. Y., 12B66. 12D130, 12F399, 12G18, 12G45, 12G127, 12G172 Abrahim, A., 12G232 Abrams, S. R., 12H228 Abruna, H. D., 12D12 Abs El-Osta, Y. G., 12F363 Abuherba, M. S., 12G162 Aburatani, T., 12F68 Achard, L., 12H187 Acharya, R., 12D13 Achterberg, E. P., 12H74 Ackacha, M. A., 12E113, 12E123 Adachi, K., 12E87 Adachi, S., 12H91 Adahchour, M., 12B18 Adamova, M., 12D109 Adams, E., 12G73, 12G76 Adams, F., 12E118 Adams, F. C., 12F78, 12F94 Addison, T., 12G102 Adesanmi, C. A., 12H253 Adlercreutz, H., 12H357 Adriaens, A., 12E118 Advant, S., 12E95 Aeberhard, M., 12C32 Aebersold, R., 12F289 Aeschliman, D. B., 12C79, 12E28 Afonso, C. M. M., 12G225 Afrailov, M. A., 12C94 Aga, D. S., 12H141 Agazzi, M.-E., 12H279 Agbaba, D., 12G144, 12G161 Agbaria, R. A., 12B60 Aggarwal, K. K., 12H213 Agnaniet, H., 12H217 Agrawal, Y. K., 12E66 Aguilar, Z. P., 12H67 Aherne, W., 12F180 Ahmad, A., 12H213 Ahmad, I., 12D62 Ahmad, M., 12A83 Ahmad, M. N., 12H326 Ahmadi, L., 12G216 Ahmed, G. A.-W., 12F385 Ahn, J. P., 12A90 Ahn, Y. J., 12G224 Ahrer, K., 12F26 Aihara, T., 12C88 Ainge, G. D., 12F44 Aizawa, M., 12A77, 12F7 Aizpun de Moreno, J. E., 12H344 Akashi, M., 12F190 Akbar, S. A., 12D124 Al-Ammar, A. S., 12E67 Al-Jalal, A. A., 12E80 Al-Saraj, M. R., 12D35 Alarfaj, N. A. A., 12G148 Alasalvar, C., 12H345 Albanell, E., 12H318 Albanis, T. A., 12H180

Albero, M. I., 12G162

Albert, K., 12B67, 12D95, 12G158, 12H241 Albert, K. J., 12A59 Alberti, G., 12D53 Albrecht, E., 12D112 Aldao, M. A. J., 12H275 Alderighi, L., 12D114 Alegret, S., 12H64 Aleksic, M., 12G82 Ales Barrero, F., 12F171 Alexander, G., 12F396 Alfassi, Z. B., 12D8 Alfoldy, B., 12H22 Alfthan, H., 12F228 Alghanim, H. J., 12G197 Ali, M. F., 12F343 Ali, Z., 12H306 Alibrandi, G., 12G47 Alimonti, A., 12F67 Alipazaga, M. V., 12D84 Alises, A., 12E29 Alivisatos, A. P., 12F344 Alkan, M., 12F280 Allbritton, N. L., 12F8 Allen, H. C., 12C56 Allen, M. H., 12F206 Allievi, C., 12G115 Allison, J., 12F330 Allmaier, G., 12F291 Almarza, E., 12G89 Almeida, C. M. R., 12H21 Almeida, S. M., 12H52 Almirall, J. R., 12E8, 12E76, 12G197 Alonso, R. M., 12G154 Alonso Borbalan, A. M., 12H352 Alram, M., 12E124 Altfater, D., 12H20 Altland, K., 12F236 Altwaig, A. M., 12E85 Alvarez Leite, E. M., 12F73 Alvarez-Llamas, G., 12F49 Alves Brito-Neto, J. G., 12B51 Amaguana, R. M., 12H317 Aman, P., 12H232 Amano, R., 12F58 Amarnath, K., 12F297, 12F297 Amarnath, V., 12F297 Amaro, R., 12C47 Amatore, C., 12D12 Ambel Carracedo, P., 12A93 Ambles, A., 12H187 Ambrose, S. J., 12H228 Amine, A., 12A97 Amini, M. A., 12E47 Amini, M. K., 12D73 Amouroux, D., 12F69 Ampuero, S., 12H325 An, D. K., 12H103 Anagnostides, S. T., 12F115 Anand, R., 12G227 Anariba, F., 12E10 Anderle, M., 12F204 Andersen, J. V., 12G7 Andersen, T., 12B39, 12F132 Anderson, C. D., 12B11 Anderson, G. P., 12B23, 12E109 Anderson, J. L., 12B9 Andersson, H. O., 12F259 Andersson, M., 12C11 Andersson, M. B. O., 12B34 Andersson, R., 12H232 Andersson, T., 12H160 Anderton, C. R., 12H367 Andolfi, L., 12G220

Andrade, E. H. A., 12E98, 12G215 Andrade, J. M., 12H328 Andrasi, E., 12F95 Andrea, A., 12H363 Andrea, V., 12H363 Andren, H., 12E55 Andrensek, S., 12H260 Andreoletti, G., 12E43 Andrews, J., 12A46, 12E5 Andrews, W. H., 12H317 Andrisano, V., 12G175 Angeli, J., 12E4 Angenendt, P., 12F27 Anh Dam, T. V., 12F125 Anklam, E., 12H279 Annesley, T. M., 12C71 Ansorgova, D., 12E112 Anthemidis, A. N., 12H94 Antoine, M. D., 12F9 Anton, M., 12H287 Antonucci, F., 12F241 Antopolsky, M., 12F372 Antti, H., 12A15, 12F72, 12G23 Ao, X. P., 12A40 Aoki, H., 12F352 Aono, H., 12A91 Apak, R., 12H62 Apati, P., 12G233 Arai, A., 12F268 Arai, F., 12F17 Arakawa, R., 12H254 Aramendia, T., 12F134 Arana, G., 12E32 Arancibia, J. A., 12G67 Aranda, A., 12H264 Aras, O., 12F42 Aratani, Y., 12F249 Araujo, M. C. U., 12E70 Araujo, M. F., 12E41 Araya-Kleinsteuber, B., 12A66 Arbab-Zavar, M. H., 12H95 Ardelt, D., 12H137 Ardini, M., 12F281 Arenhovel-Pacula, A., 12G170 Arfelli, F., 12C65 Arfvidsson, C., 12H230 Ariano, B., 12G99 Arias Estevez, M., 12H92 Ariese, F., 12H116 Arino, C., 12F235 Arinobu, T., 12G55, 12G133 Arki, A., 12D6 Armelin, M. J., 12E33 Armitage, J. R., 12F15 Armstrong, D. W., 12B9, 12B40, 12G209 Arnason, J. T., 12G222 Arnold, M. A., 12F121 Arnould, O., 12C10 Arora, B., 12A98 Arrebola, F. J., 12H30, 12H226 Arriaga, E. A., 12F42 Arrigan, D. W. M., 12D42 Arroyo, J. P., 12G4 Artola-Garicano, E., 12H143 Arvand, M., 12G171 Asano, N., 12H222 Asanuma, K., 12F230 Asenjo, J. A., 12F260 Asghari, A., 12D73 Asher, S. A., 12D63 Ashley, D. L., 12H34 Ashok, M., 12F105 Ashraf-Khorassani, M., 12H165

Askemark, Y., 12G166 Asseff, I. L., 12G163 Assembe, E. Z., 12H217 Assinewe, V. A., 12G222 Astner, H., 12F241 Asztemborska, M., 12A6, 1213138 Ataman, O. Y., 12H333 Atcheson, B., 12G26 Athanassiadis, I., 12F112 Atsriku, C., 12F384 Aturki, Z., 12B64, 12C62 Atwal, K. K., 12F214 Augusti, R., 12A39 Aurian-Blajeni, B., 12F380 Auriola, S., 12F372 Austin, R. E., 12H38 Avgoustakis, K., 12G39 Avila-Gomez, R. M., 12H372 Aviles, P., 12G121 Avram, N., 12H240 Awadallah, B., 12G141 Awane, T., 12E9 Aymard, G., 12G128 Azad, M., 12F1 Azahra, M., 12H42 Azhayev, A., 12F372 Azzolin Frescura, V. L., 12F88 Baba, T., 12B35 Baba, Y., 12F192, 12F350 Babel, W., 12F4 Babos, D., 12H119 Baca, A. J., 12F336 Bacaksiz, E., 12E40 Bacaloni, A., 12H295 Baccan, N., 12H259 Bacchi, M. A., 12C93 Bachas, L. G., 12A53, 12F117 Bachechi, F., 12F285 Bachman, M., 12F8 Bachmann, S., 12B67 Baciu, I., 12F158 Backus, S., 12H286 Bacon, J. R., 12C78 Badea, M., 12H76 Badiello, R., 12G46 Bae, S. K., 12G81 Baena, J., 12E29 Baetens, M., 12H338 Baeumner, A., 12F324 Baeumner, A. J., 12F322 Baeyens, W., 12H5, 12H158 Baeyens, W. R. G., 12G50, 12G65, 12G114 Bai, J. L., 12F375 Baillet, A., 12G77 Baines, S. B., 12F39 Bairu, S. G., 12G169 Bajad, S., 12F108 Bajic, S. J., 12C79, 12E28 Baker, G. A., 12C57 Baker, S. D., 12F56 Baker, S. N., 12C57 Bakhtiari, I. A., 12E80 Bakker, A. J., 12F314 Bakker, E., 12D11 Baksanova, L. E., 12H31 Bala, C., 12D118 Balaban, A. T., 12F158 Balaban, M., 12H214 Balcaen, L., 12D26 Baldi, R., 12F163 Baldini, L., 12C3 Baldock, S. J., 12E94 Balduini, L., 12F101

Baldwin, D. P., 12C79, 12E28 Bali, L. M., 12A84 Balizs, G., 12G25 Ballantyne, J., 12F326 Ballantyne, S. M., 12A64 Balogh, M., 12H7 Balogun, F. A., 12H253 Banic, C., 12H32 Bao, G., 12F332 Baran, E. T., 12G105 Barba, A., 12H337 Barbano, D. M., 12H319 Barbante, C., 12H113 Barbas, C., 12H248 Barbosa, C. M., 12G225 Barbosa, J., 12F147 Barbosa Junior, F., 12F52 Barcarolo, R., 12H279 Barcelo, D., 12H76, 12H161 Bard, A. J., 12C16 Barnes, J. H., IV, 12C80 Barnett, L. E., 12F44 Barr, D. B., 12F63 Barrea, R. A., 12F62 Barrek, S., 12H303 Barrero-Moreno, J., 12H279 Barrie, S. E., 12F180 Barroso, C. G., 12H231 Barshick, C. M., 12E82 Barth, T., 12F266 Bartick, E. G., 12E77, 12E78, 12F79 Bartolini, M., 12G175 Baryla, N. E., 12B56 Basavaiah, K., 12G188 Basileo, G., 12G118 Basran, A., 12A62 Basran, J., 12A62 Basu, S., 12D17 Baten, P., 12B41, 12G174 Batenburg, A. M., 12B18 Bau, A., 12H279 Baucker, E., 12H204 Bauer, C., 12A44 Baum, B. R., 12G222 Baum, G., 12D112 Bauman, D. E., 12F137 Baumann, F., 12G111 Baumann, W., 12H204 Baumert, M., 12F206 Baxter, D. C., 12E55 Bayer, E., 12D95 Bazylak, G., 12G11 Bearzotti, M., 12G37 Beauchemin, D., 12F93, 12H100 Beaumal, V., 12H287 Beck, H. P., 12D65 Becker, C. H., 12F204 Becker, J. S., 12H191 Beckonert, O., 12A15, 12F72, 12G23 Beckwith-Hall, B. M., 12F79 Beddard, G. S., 12C91 Bedford, D., 12F180 Bedi, K. L., 12F108 Bednar, P., 12H329 Bednarski, P. J., 12F182 Bedregal, P., 12E64 Bedu-Addo, F., 12E95 Beens, J., 12B18 Behlke, M. A., 12F332 Behrend, C., 12F38 Behzad, F., 12F307 Bektas, M., 12F135 Belder, D., 12D99, 12D100 Belenguer, P., 12C32 Belew, M., 12F251 Belfutmi, R., 12F64 Bellazzini, R., 12C3 Bellis, D. J., 12H233 Bellunato, T., 12D112

Belov, M. E., 12F199 Belt, S. T., 12D92, 12D93 Benavente, F., 12F147 Benavidez, P. E., 12G124 Benes, M. J., 12F368 Bengtson, A., 12E4, 12E30 Benijts, T., 12G34, 12H127 Benjamin, B., 12G253 Benkhedda, K., 12F94 Bennett, V. C., 12D43 Bensasson, R. V., 12D64 Benson, C. M., 12C4 Benvenutti, E., 12D111 Beom, Y. H., 12E44 Berar, J.-F., 12C14 Berardini, N., 12H342 Bercaru, O., 12H123 Berecka, A., 12G145 Berezkin, V. G., 12G16 Berezovski, M., 12F215 Berg, A., 12H353 Bergamaschi, A., 12C65 Bergemann, C., 12F273 Berger, R. G., 12H267 Bergholdt, A. B., 12G104 Bergquist, J., 12A95, 12E11 Bergveld, P., 12F125 Berhane, B. T., 12F299 Bernad, P. L., 12E74 Bernal, J. L., 12G69 Bernardi, L. R., 12C89 Berndt, H., 12C33 Berner, D., 12H262 Berovic, M., 12B4 Bertalan, E., 12F95 Bertucci, C., 12A72, 12F282, 12G175 Berzas, J. J., 12G107, 12G108, 12G117 Besch, H. J., 12C64 Bessiere, J. M., 12H217 Bester, K., 12H1 Beteringhe, A., !2F158 Betsinger, G., 12E115 Beutel, S., 12A54 Bew, J., 12H243 Beyer, J., 12H116 Bezemer, E., 12F310 Bhat, V., 12F184 Bhatnagar, J. M., 12H155 Bhattacharjee, G., 12D36 Bhattacharyya, D., 12F183 Bhuyan, M., 12H371 Bi, L. J., 12F337 Bialek, K., 12F164 Bicchi, C., 12B16 Bicker, W., 12G189 Biefel, C., 12H154 Biegelman, L., 12F372 Bielenstein, M., 12G166 Bienvenu, P., 12E43 Biernat, J. F., 12D4, 12D5 Biesuz, R., 12D53 Biju, V. M., 12H169 Bilia, A. R., 12G241 Billiot, F. H., 12B60 Billova, S., 12G17 Bings, N. H., 12F53 Birol, G., 12H48 Biryol, I., 12G131 Bischoff, R., 12F162, 12F257, 12F258 Biunno, I., 12C89 Bizzotto, D., 12E14 Bjoerheim, J., 12F374 Bjoerhovde, A., 12G86 Bjoerklund, J., 12H51 Bladimiros Melios, C., 12H266 Blanch, G. P., 12H227 Blanco-Lopez, M. C., 12G38 Blancou, M., 12E71 Blanquart, L., 12C14

Blaschke, G., 12G101, 12G182 Blay, P. K. S., 12F110 Bleiner, D., 12E31 Blesa, J., 12H350 Blok-Tip, L., 12G12 Blomberg, L. G., 12B34 Blomhoff, R., 12F396 Blueggel, M., 12F165 Bluethner, W.-D., 12H216 Blust, R., 12F78, 12H117 Boag, N. M., 12D42 Bober, K., 12F144 Bobrov, P. V., 12A55 Bocca, B., 12F67 Bode, P., 12C93 Bodo, E. T., 12D81, 12F66 Boelrijk, A. E. M., 12F389 Boer, W., 12H172 Bogaerts, A., 12C27, 12E4 Boger, Z., 12A19 Bogomolov, A., 12B27 Bohrer, D., 12F106 Boisdron-Celle, M., 12G159 Bojarski, A. J., 12B65 Bokretsion, R. G., 12F399 Bolcato, C. A., 12F141 Bolfarine, H., 12A26 Bollard, M., 12G23 Bollard, M. E., 12A15, 12F72 Bombardelli, E., 12G234 Bonaduce, I., 12E119 Bonanni, A., 12H368 Bonciocat, N., 12G173 Bond, A. M., 12F207 Bonfiglioli, T. A., 12D60 Bonnot, O., 12C32 Bonoli, M., 12H323 Booij, K., 12H172 Boon, J. P., 12H172 Boos, K.-S., 12G153 Boque, R., 12H197 Borchers, C. H., 12F292 Bordeanu, A., 12D65 Bordel, N., 12C74, 12C75, 12E24, 12E27 Borges, F., 12G51, 12G200 Borkent, I., 12H143 Borm, P. J. A., 12H49 Bormans, G. M., 12F398, 12G10, 12G235 Bornemann, C., 12F146 Borrull, F., 12H106 Borsari, M., 12D131 Bos, R., 12D123 Bosch-Reig, F., 12H60 Bosset, J. O., 12H325 Botz, L., 12H234 Boubakari, 12F182 Bouchonnet, S., 12C87 Boudet, N., 12C14 Boue, S. M., 12H219 Bouillon, S., 12H158 Boulanger, B., 12A8, 12G147 Boulyga, S. F., 12H191 Bourgeois, S., 12E42 Boutron, C., 12H113 Bouzouita, N., 12G211 Bowen, A. M., 12G92 Bowring, H., 12F35 Boyer, C., 12G138 Boyom, F. F., 12H217 Boysen, R. I., 12F256, 12F263 Brabcova, M., 12D69 Brack, W., 12H171 Bradley, M., 12F301 Braetter, P., 12F43, 12F216 Brahma, A., 12F183 Brajter-Toth, A., 12F388 Bramati, L., 12F57 Brana Magdalena, A., 12H285 Brandsch, T., 12H157 Brault, S., 12G138

Braumann, U., 12H361 Braungardt, C. B., 12H74 Brausuel, M., 12F38 Braven, J., 12A65 Brazill, S. A., 12F148 Breadmore, M. C., 12G96 Breda, M., 12G118 Breitkreitz, M. C., 12E70 Brenchley, P. E. C., 12F307 Brenna, E., 12F247 Brenna, J. T., 12F137 Brenner-Weiss, G., 12F255 Brereton, P., 12H262 Brereton, R. G., 12A27, 12A30 Bressan, A., 12D112 Brettreich, M., 12D64 Breugon, P., 12C14 Breuzard, G., 12F342 Brez, A., 12C3 Brinkman, U. A. T., 12B18 Britz, S. J., 12F390 Britz-McKibbin, P., 12D128 Brochard, E., 12E43 Brock, R., 12F202 Broderick, M., 12F59 Brombacher, S., 12F110, 12G156 Brown, F. O., 12F386 Brown, G. M., 12D82 Brown, K. K., 12F395 Brown, P. L., 12G93 Brown, S. D., 12A17, 12A21 Bruce, H. L., 12F246 Bruehlmann, F., 12F23 Bruggeman, V., 12G178 Brumley, W. C., 12H86, 12H104 Bruneau, C., 12C87 Bruneel, O., 12H146 Brunelli, C., 12B16 Brunnkvist, H., 12F274 Bruno, F., 12F113 Bruschettini, M., 12F232 Brushwyler, K. R., 12C30 Brustad, M., 12F102, 12F104 Brusten, W., 12D86 Bryant, C. J., 12D43 Bryson, J. M., 12H365 Buchacher, A., 12F26, 12F291 Buchberger, W., 12F50 Buchmann, W., 12H257 Buck, S. M., 12F219 Buckley, B., 12H177 Budnar, M., 12D30 Budnikov, V. I., 12H31 Buechler, J., 12G185 Buel, E., 12F325 Bugoi, R., 12E121 Buhl, F., 12G170 Bulska, E., 12C45 Bundey, R. A., 12F329 Buresova, V., 12G91 Burger, J. J., 12F389 Burgess, E. J., 12H375 Burggraef, T., 12F146 Burghardt, S., 12D64 Burke, D. T., 12F339, 12F370 Burkow, I. C., 12F102, 12F104 Burns, D. H., 12C12 Burns, M. A., 12F339, 12F370 Busche, S., 12A23 Buszewski, B., 12F31 Butler, A. M., 12F302 Butler, M. A., 12F395 Buydens, L. M. C., 12A18, 12C53, 12E13 Buyse, J. G., 12G178 Byrtus, H., 12B65 B'Hymer, C., 12F395 Caballo-Lopez, A., 12G176, 12H170 Cabanillas, C. M., 12G218 Cabello, M. P., 12G107, 12G108 Cabezon, M. A., 12G37

Belmonte Vega, A., 12H30

Cabezudo, M. D., 12H271 Cabras, P., 12H223 Cabrero, L., 12G138 Cabrol-Bass, D., 12H269 Cacho, J., 12H366 Cadore, S., 12D28, 12H259 Cadwallader, K. R., 12H345 Cahill, D. J., 12F27 Cai, W. J., 12H128 Cai, Y. C., 12B46, 12D94 Cai, Y. Q., 12E117, 12H124 Cai, Z. W., 12G249 Caillot, B., 12C14 Caja, G., 12H318 Calas, G., 12H146 Calderoli, S., 12G119 Caldwell, C. R., 12H335 Calleri, E., 12B43, 12B63 Calvo, M. V., 12H324 Camacho-Garcia, A., 12H42 Camara, C., 12C84, 12H376 Camara, M. S., 12G36 Cameron, R. G., 12F129 Camp, M. J., 12H20 Campanella, L., 12E111, 12H368 Campas, M., 12A61 Campbell, A. V., 12F136 Campbell, J. M., 12F290 Campbell, L. M., 12H286 Campins-Falco, P., 12H60, 12H61 Campos, R. C., 12F92 Canals, A., 12C86 Canario, C., 12F89 Cancho Grande, B., 12H92 Cannio, M., 12D131 Cannon, D. M., Jr., 12F10 Cans, A.-S., 12F13 Cao, G. H., 12H362 Cao, G. L., 12F306 Cao, W., 12D124 Cao, Y. Z., 12H294 Caponio, F., 12H309 Capote, R., 12G229 Capote, T., 12H372 Caproiu, M. T., 12F158 Carcia-Ruiz, C., 12G190 Carda-Broch, S., 12G142 Cardenoso, V., 12C5 Cardosi, M. F., 12F208, 12F387 Cardwell, T. J., 12H373 Caredda, A., 12G213 Carle, R., 12H334, 12H342 Carloni, J., filho, 12H266 Carlucci, G., 12F75 Carmo, M., 12H65 Carmo Freitas, M., 12H52 Carreira, L. M. M., 12E98 Carrilho, E. N. V. M., 12H133 Carrion, N., 12C42 Carro, A. M., 12H321 Carroll, A. D., 12F222 Carson, K. J., 12H142 Carter-Wientjes, C. H., 12H219 Caruso, J. A., 12H99, 12H101, 12H186, 12H365 Carvalho, C., 12E41 Carvalho, D., 12G260 Casals, R., 12H318 Casartelli, E. A., 12H164 Cash, E., 12C50 Casiot, C., 12H146 Casper, T. J., 12C30 Castagnola, M., 12F99 Castaldo, D., 12E99 Castaneda, G., 12G117 Castellano, M., 12H295 Castelli, E., 12C65 Castells, P., 12H46

Castillo, J. R., 12D70, 12F134,

Castillo Carrion, M., 12D68

12H315

Castoldi, A., 12C41 Castracani, C., 12F161 Catchpole, O. J., 12H375 Cattana, R., 12G68 Catterick, T., 12D92, 12D93 Cattrall, R. W., 12H373 Cava-Montesinos, P., 12H320 Cavalli, E., 12F101 Cavazzini, A., 12B42 Cavelti, M. A., 12B10 Cavlovic, P., 12H346 Cavrini, V., 12G175 Cawthray, G. R., 12H229 Cayuela, J. M., 12H360 Cebrian-Perez, J. A., 12A42 Ceccarini, L., 12G220 Ceccato, A., 12G63 Cela, R., 12H321 Cello, D., 12G181 Centelles, J. J., 12F311 Cerchiara, T., 12G175 Ceresa. A., 12D11 Cerutti, S., 12H93 Cervera, M. L., 12H320 Ceschel, G. C., 12G46 Cescon, P., 12H113 Cesla, P., 12E114 Cetin, S. M., 12F315 Cetta, G., 12F277 Cevik, U., 12E40 Chaabouni, M. M., 12G211 Chadik, P. A., 12H68 Chai, Y. Q., 12G53 Chaiyasut, C., 12B5 Chaler, R., 12E59 Chambers, S. T., 12H249 Chaminade, P., 12G77 Chamrad, D. C., 12F165 Chamsaz, M., 12H95 Chan, E., 12G140 Chan, F. L., 12F139 Chan, M. S., 12F355 Chan, W. H., 12D115 Chana, A., 12G68 Chandrasekaran, K., 12E17 Chang, C. F., 12G193 Chang, C. H., 12A78 Chang, H. T., 12F323 Chang, H. Y., 12F29, 12G236 Chang, J. J., 12E75 Chang, J. Y., 12E75 Chang, R. S., 12F8 Chang, W. B., 12B29 Chang, W. T., 12F29 Chang, Y. H., 12F29 ChangLai, S. P., 12G240 Charalampopoulos, N., 12G39 Charlton, A., 12H262 Charvatova, J., 12F266 Chaschin, V., 12F104 Chatman, T., 12B60 Chatzipetros, A., 12H168 Chaurasia, S. C., 12E17 Chauvaud, L., 12H71 Cheever, K. L., 12F395 Chelaru, C., 12B57 Chen, B., 12H224 Chen, B. H., 12H351 Chen, C. J., 12G41 Chen, C. Y., 12G41, 12G240 Chen, D., 12C60 Chen, D. J., 12F344 Chen, F., 12G109 Chen, F. A., 12G41 Chen, F. Q., 12F344 Chen, G., 12F298 Chen, G. N., 12F145 Chen, G. Q., 12G113 Chen, G. X., 12A22 Chen, H., 12E93 Chen, H. I., 12H53

Chen, H. L., 12G52

Chen, J. I. C., 12F263 Chen, J. Y., 12D12 Chen, L. R., 12B46, 12D94, 12G199 Chen, L. S., 12F360 Chen, L. X., 12A79, 12G71, 12G123 Chen, R., 12G8 Chen, S. H., 12G98 Chen, S. T., 12F29 Chen, W., 12H84 Chen, W. D., 12F269 Chen, W. Y., 12F340 Chen, X. G., 12F209, 12G52, 12G198, 12G204, 12G246 Chen, X. M., 12B36, 12F127 Chen, Y., 12D1 Chen, Y. B., 12F287 Chen, Y. C., 12F340 Chen, Y. X., 12F262, 12F265, 12F267 Chen, Z., 12F219, 12F244, 12G129 Chen, Z. Y., 12F139 Chen-Mayer, H. H., 12E34 Chenery, D., 12F35 Cheng, B. S. S., 12G177 Cheng, C. C., 12H53 Cheng, C. L., 12G116 Cheng, H. C., 12D119 Cheng, J. L., 12F29 Cheng, L., 12F355 Cheng, X., 12G120 Cheng, X. H., 12H105 Cheng, Z., 12F84 Cheran, L.-E., 12A64 Cherkaoui, S., 12B63 Cherlet, M., 12H282, 12H284 Chervet, J.-P., 12B22 Chery, C. C., 12G257 Chetiyanukornkul, T., 12F77 Cheung, C. N., 12E16 Chevallet, P., 12B65 Chiacchierini, E., 12H305 Chiap, P., 12A8, 12G75, 12G147, 12G153, 12G181 Chiari, M., 12B57 Chicon, R. M., 12H271 Chien, C. M., 12F29 Chilosi, M., 12F241 Chimenti, P., 12G95 Chinaka, S., 12G183 Chinea-Cano, E., 12E41 Chirinos, J. R., 12D24 Chiu, B. K. W., 12D117 Chlon-Rzepa, G., 12B65 Cho, S. H., 12D116 Choi, D. H., 12G224 Choi, E. Y., 12F83 Choi, H. N., 12D116 Choi, J. W., 12F82 Choi, J.-W., 12H16 Choi, M. M. F., 12H304 Choi, N. H., 12G250 Chollet, H., 12E42 Choquette, S. J., 12C55 Chou, C. H., 12G116 Chow, E., 12D40 Chow, M., 12G22 Chowdhury, A. R., 12G221 Choy, K. W., 12G167 Christiaens, B., 12G153, 12G181 Christopoulos, T. K., 12F338 Chu, K. O., 12G167 Chu, P. M., 12D7 Chu, S. G., 12H26, 12H117 Chu, X. F., 12A82 Chuang, H. M., 12H53 Chuang, W. C., 12G243 Chun, M. S., 12D96 Chun, O. K., 12H225

Chung, D. S., 12D96

Chung, H. Y., 12E35 Churchwell, M. L. 12G180 Chytiri, S. D., 12D106 Ciesielski, W., 12F284 Cifuentes, A., 12F271, 12H248 Cifuentes, M., 12F51 Cimitan, S., 12A72, 12F282 Cioni, P. L., 12G220 Cisar, P., 12G91 Ciucanu, I., 12E86 Claassen, N. E., 12F389 Claessens, H. A., 12B47 Clark, J. B., 12F61 Clarkson, P. J., 12H137 Clausen, A., 12G232 Clavering, C., 12E83 Clemens, J.-C., 12C14 Clerici, G., 12B57 Cleveland, T. E., 12H219 Clevidence, B. A., 12F390 Clevnhens, B. J., 12F398, 12G10 Clough, R., 12D92, 12D93 Clozel, B., 12H187 Cluyts, A., 12D86 Coakley, K. J., 12E34 Coichev, N., 12D84 Cojocaru, V., 12E61, 12E121 Collins, P., 12F312 Colombini, M. P., 12E119 Colombini, V., 12H299 Colombo, E., 12G119 Colyer, C. L., 12F176 Cometto, P. M., 12H275 Compton, R. G., 12F295 Comte, J., 12E43 Conn. G., 12E95 Connolly, C. D., 12H239 Constantin, F., 12E121 Constantin, S., 12B48 Constantinescu, B., 12E121 Constantinescu, T., 12F158 Contento, A. M., 12G107, 1207108 Cooks, R. G., 12E93, 12H40 Cooney, J. M., 12F44 Cooper, D. P., 12G80 Cooper, W. T., 12B38 Copeland, R. A., 12G2 Coppolino, S., 12G47 Cordeiro, D. S., 12G78 Cordella, C. B. Y., 12H269 Cordenunsi, B. R., 12H331 Cordingley, H. C., 12F15 Corfu, F., 12E57 Corl, B. A., 12F137 Corn, R. M., 12F201 Cornelis, R., 12F85, 12G257 Cornett, J., 12D54 Corradini, R., 12F365 Corso, B., 12F373 Cortes, A., 12H161 Cosnier, S., 12D127 Costa, E., 12C3 Costa-Fernandez, J. M., 12D14, 12E24, 12E27 Costa-Garcia, A., 12D3, 12F6 Cotte-Rodriguez, I., 12H40 Couch, T., 12E104 Courtois, B., 12H211 Courtois, J., 12H211 Covaci, A., 12H26, 12H117 Cox. R., 12G75 Cozzi, G., 12H113 Craig, J. D., 12A63 Cramers, C. A., 12B47 Cravedi, J.-P., 12H218 Cravotto, G., 12B16 Creaser, C. S., 12H41 Cree, M. E., 12D24 Creemers, A. F. L., 12F391 Crego, A. L., 12H19 Crepineau, C., 12H176

Cressey, P. J., 12F157 Cresti, M., 12H212 Cretich, M., 12B57 Cristoni, S., 12C89, 12F57 Crocker, L. S., 12G232 Crommen, J., 12A8, 12G75, 12G147, 12G153, 12G181 Crotet, V., 12F237 Croubels, S., 12H282 Croudace, I. W., 12D61 Csaszma, I., 12F95 Cserfalvi, T., 12D23 Cserhati, T., 12F225 Cuadros Rodriguez, L., 12F171 Cui, F. L., 12F209 Cui, S. M., 12G252 Cui, S. Y., 12G198 Cui, X. M., 12G223 Culbertson, C. T., 12F189 Cummings, E. B., 12B53, 12B54 Cunat, J., 12E29 Cunliffe, J. M., 12F200 Curea, E., 12G66 Curiale, M. S., 12H251 Curini, R., 12H83, 12H295 Curry, S. M., 12F100 Curtius, A. J., 12F88 Cutler, A. J., 12H228 Cvak, L., 12F285 Cvetkovski, M., 12H356 Czaplicka, M., 12H153 Czizsek, B., 12F50 da Costa, A. B., 12H179 da Silva, J. B. B., 12F73, 12F90 da Silva, M. H. L., 12E98, 12G215 Dahlgren, G. M., 12F149, 12F357 Dahm, H., 12F31 Dai, S., 12B25 Dai, Z. P., 12F375 Dailianis, A. E., 12H251 Daishima, S., 12H300, 12H370 Dale, D. E., Jr., 12D104 Dalgalarrondo, M., 12H287 Dalgarno, E. J., 12H301 Dalgleish, D. G., 12H310 Dallin, P., 12A46, 12E5 Damiani, P., 12G37 Danet, A., 12H76 Daniel, R., 12F133 Daniele, G., 12G218 Dantas, H. A., filho, 12E70 Danyluk, S., 12A89 Darghouth, F., 12G49 Dasgupta, P. K., 12A50, 12A58, 12R1 Dash, K., 12E17 Daskalova, N., 12E36 Dassow, H., 12F303 Daston, G. P., 12F100 Dauchot, J. P., 12E25 Dauvalter, V., 12H185 Davenport, M., 12D112 Davey, M. W., 12H338 David, F., 12G34 David-Briand, E., 12H287 Davidson, G., 12G203 Davila-El Rassi, G. M., 12H277 Davis, J., 12F208, 12F327, 12F387 Davoudzadeh, D., 12G56 Day, J. A., 12C36 de Angelis, F., 12F161 de Backer, P., 12H282, 12H284 de Baere, S., 12H284 de Barros Neto, B., 12E73 de Beer, J., 12B41, 12G75 de Beer, J. O., 12G174 de Boer, J., 12H172 de Brucker, N., 12D86 de Bruijn, H. W. A., 12F258 de Castilho, M. V., 12A26

de Castro, B., 12G54 de Castro, M., 12A26 de Castro Maciel, C. J., 12F73 de Coen, W., 12H117 de Corte, F., 12C92 de Corte, K., 12E102 de Cremer, K., 12G257 de Diego Glaria, M., 12G83 de Gioannis, B., 12G213 de Greyt, W., 12H308 de Groot, T. J., 12F398 de Jong, G. A. H., 12F248 de Jong, S., 12A31, 12F258 de Kaste, D., 12G12 de Kimpe, N., 12G229 de la Flor St. Remy, R. R., 12F172 de la Guardia, M., 12H320 de la Paz Aviles, M., 12H298 de Leenheer, A., 12H127 de Leva, I., 12H295 de Marco, R., 12D80, 12H75 de Moraes Flores, E. M., 12H179 de Nadai Fernandes, E. A., 12C93 de Oliveira, E., 12H314 de Oliveira, J. E., 12H266 de Oliveira, M. F., 12E116 de Orsi, D., 12G95 de Petris, G., 12H126 de Pozuelo, M. M., 12H264 de Ryck, I., 12E118 de Schrijver, I., 12D26 de Siqueira, M. E. P. B., 12F73 de Souza, N. E., 12H288 de Stefano, C., 12F382 de Wolf, I., 12E37 de Wuilloud, J. C. A., 12H101 de Zan, M., 12G36 de Zwart, F. J., 12H249 de-Roman, M., 12H64 Debranche, T., 12B31 Deckers, K., 12G76 Deconinck, I., 12D26 Dehouck, P., 12B41, 12G75, 12G76 Dehring, K., 12D108 del Castillo, B., 12G238 del Rio, J. C., 12H220 del Valle, M., 12H64, 12H140 Delanghe, J., 12G114 Delbeke, F. T., 12G160 Delclos, K. B., 12G180 Delcuratolo, D., 12H309 Deleers, M., 12G99 Delerue-Matos, C., 12G51, 12G88, 12G200, 12H65 Della Torre, S., 12F277 Delmonte, P., 12F137 Delpierre, P., 12C14 Demetrick, D. J., 12F21 Demirev, P. A., 12F9 Demortier, G., 12E124 Demuth, W., 12C54 Deng, C. H., 12G205 Deng, F., 12H102 Deng, J. Y., 12F337 Deng, N. S., 12H132 Deng, Q., 12F357 Deng, S. Q., 12H148 Deng, Z. W., 12H57 DeNicola, K., 12H186 Denizli, A., 12F280 Dennis, G. R., 12D97 Denton, M. B., 12C80 Deore, B., 12E89 Deprez, P., 12G65 Demovics, M., 12D81 Desauziers, V., 12H39 DesChane, J. R., 12H142 Detcheva, A., 12E36 Deters, M., 12G110

Dewe, W., 12A8, 12G147 Dewettinck, K., 12H308 Deyama, T., 12H357 Deyl, Z., 12F225, 12F266 Dhaliwal, A. S., 12D51 Dhami, P. S., 12H152 Dhavile S M 12F17 di Paola Naranjo, R. D., 12H275 di Persio, G., 12C3 di Tullio, A., 12F161 Dial, J. M., 12F292 Diana, J., 12G73 Dias, V. M. C., 12H259 Diaz, D., 12C42 Diaz Huerta, V., 12H276 Diaz-Cruz, J. M., 12F235 Dickert, F. L., 12A92 Dickson, L. C., 12H292 Dickson, S. J., 12F96 Dierich, M. P., 12F316 Dieterle, F., 12A23 Dietrich, D., 12H204 Dietz, A., 12A37 Dietz, C., 12H376 Diikov, A. L., 12A88 Dillen, H., 12E22 Dimitrieska-Stoikovic, E., 12G231 Dimitrova, B., 12F94 Dimock, B., 12H4 Dincutoiu, I., 12E54 Ding, F., 12H358 Ding, L., 12G87 Ding, M. Y., 12G244 Ding, Z. S., 12G199 Dinu, D., 12F283 Distler, A. M., 12F330 do Carmo Freitas, M., 12H237 do Carmo Ruaro Peralba, M., do Nascimento, P. C., 12F106 Doane, T. A., 12D72 Dobashi, A., 12F270 Dobo, A., 12F197 Dock, E., 12A56 Doerge, D. R., 12G180 Doerr, C., 12A37 Dogan, O., 12E40 Dogutan, M., 12H62 Dohnal, V., 12B58 Dolan, J., 12F2 Dolan, J. W., 12B50 Domenichini, B., 12E42 Dominguez, A., 12E74 Dominguez Torres da Silva, H., 12B51 Dominick, W. D., 12F299 Donadio, C., 12F281 Donadio, E., 12F281 Donangelo, C. M., 12F84 Donard, O. F. X., 12F69 Dong, J., 12D108 Dong, S. J., 12A68 Dong, T. T. X., 12G223 Dong, W., 12H27 Dong, X. Y., 12F269 Donoghue, D. J., 12H293 Dorka, R., 12E23 Dorman, H. J. D., 12H374 Dormeyer, W., 12F168 Dorr, A., 12F168 Dorsey, J. G., 12B24, 12B38 dos Santos, J. H. Z., 12D111 Dosho, S., 12H76 Dossena, A., 12F365 Dost, K., 12G203 Dotsenko, A. V., 12A88 Dou, C., 12G58 Doucette, G. J., 12H296 Doudarev, A. A., 12F104 Dousse, J.-C., 12D30 Dowd, S. M., 12G92

Downey, S., 12C26 Drader, J. J., 12C68 Dragicevic, M., 12D112 Dreossi, D., 12C65 Dreschel, W. R., 12D78 Drexel, M. A., 12A5 Droege, M. J., 12D123 Dryfe, R. A. W., 12D42 Du, L. H., 12G152 Du. W., 12D113 Duan, J. L., 12G114 Duan, J. P., 12F145 Duarte, I. F., 12H361 Dubey, G. C., 12A84 Dubost, J.-P., 12G138 Duckett, C. J., 12F111 Duckworth, D. C., 12C76, 12C81 Dudczak, R., 12G164 Duewer, D. L., 12C55 Dugo, G., 12H340 Dumas, C., 12F64 Dupille, E., 12H336 Durand, C., 12H187 Duret, P., 12D135 Dutet, P., 12D135 Dutt, J. S. N., 12F387 Dutta, P. C., 12H308 Dutta, R., 12H371 DuVall, S. H., 12E10 Dvorak, J., 12G157 Dybko, A., 12F124 Dyson, R., 12A24 Dzantiev, B. B., 12H195 Dzurko, M. S., 12H4 Dzygiel, P., 12D110 D'Aliberti, S., 12G47 D'Ambrosio, C., 12D112 D'Ascenzo, F., 12H305 D'haeninck, E., 12G65 Ebbels, T., 12G23 Ebbels, T. M. D., 12A15, 12F72 Ebdon, L., 12A65 Eberlin, M. N., 12E93, 12H40 Ebert, K., 12G182 Echardt, A., 12F225 Edlund, P.-O., 12F14 Egan, W. J., 12E78, 12E79 Egger, M. D., 12G209 Ehsan, S., 12H188 Eijkel, J. C. T., 12A99 Einar Rasmussen, K., 12G86 Einax, J. W., 12H9 Einhauer, A., 12A71 Eipel, C., 12H37 Eisenreich, S. J., 12H114 Ekiert, E., 12G190 Eklund, P., 12F259 Ekstroem, P. O., 12F374 Ekundayo, O., 12G212 El Bardouni, T., 12H42 El Rassi, Z., 12H277 El Sayed, M. S., 12E46 El-Awady, M. I., 12B66, 12G45 El-Barbary, F. A., 12G100 • El-Hazek, N. T., 12E46 El-Nour, K. A., 12F388 Elahi, S., 12H263 Elbaek, T. H., 12H316 Elbaz-Poulichet, F., 12H146 Elbergali, A., 12H328 Elbs, M., 12F202 Eldawy, M. A., 12G100 Elder, P. A., 12G184 Eliasson, C., 12H232 Ellam, R., 12D91 Ellingsen, D. G., 12H47 Ellington, A. D., 12F343 Ellis, A. T., 12C23 Ellis, D. A., 12E88 Ellison, D., 12D139 Elvira, C., 12F271 Emerson, D. R., 12A35 Emneus, J., 12A56, 12H76

Deventer, K., 12G160

Emoto, T., 12F238 Emteborg, H., 12D68 Engen, J. R., 12F217 Eno-Amooquave, E., 12F180 Enomoto, H., 12D122 Ensañ, A. A., 12D37 Epley, J., 12G258 Epstein, D. H., 12G56 Era, S., 12C59 Erdogan, H., 12E40 Eremin, S. A., 12H195, 12H198 Ergon, R., 12A29 Eriksen, R. B., 12B39 Eriksson, B. O., 12B34 Eriksson, S., 12F228 Erk, N., 12G131, 12G149, 12G202 Erpenbeck, V. J., 12F140 Ershova, N. I., 12D31 Ertas, G., 12H98 Ertugrul, M., 12D55, 12E40 Erturk, S., 12F315 Escandar, G. M., 12G67 Escober, M. C., 12H277 Escott, R. E. A., 12A30 Escuderos-Morenas, M. L., 12H349 Espeland, O., 12H47 Espiner, E. A., 12F231 Espuelas, J., 12F134 Essiett, A. A., 12H253 Esteban, M., 12F235 Ettre, L. S., 12B6 Euerby, M. R., 12B33 Evans, E. H., 12C36, 12D92, 12D93, 12H2 Evans, J. A., 12F18 Evans, P., 12H263 Evenseth, H., 12H47 Eves, D., 12F13 Ewen Smith, W., 12F353 Ewen Smith, W., 12F353 Ewing, A. G., 12F10, 12F13, 12F194, 12F333, 12F378 Exley, C., 12F394 Eyring, E. M., 12F351 Faal-Rastegar, M., 12D48 Faberi, A., 12H295 Fabre, H., 12B59 Failla, M. L., 12H272 Faircloth, G., 12G121 Fairman, B., 12D92, 12D93, 12H157, 12H263 Fakhfakh, M. A., 12D135 Fakt, C., 12G248 Falini, G., 12H190 Falk, H., 12H137 Falkenberg, G., 12H22 Falter, R., 12H163 Fan. C. L., 12H294 Fan, J., 12F209 Fan, L. Y., 12G52 Fan, W., 12H148 Fan, Z. H., 12H44 Fanali, S., 12G85, 12H329 Fang, Y. Z., 12H358 Fanlo, J. L., 12H39 Farajzadeh, M., 12G3 Farajzadeh, M. A., 12A43 Farhadi, K., 12G3 Farias, A., 12G260 Farias, S., 12A4 Farley, J. W., 12H86 Farnham, I. M., 12H70 Farris, G. A., 12H223 Farwanah, H., 12F138 Farwig, Z. N., 12F136 Fassett, J. D., 12A7 Fauland, P., 12D112 Fauler, G., 12F155 Favero, G., 12E111 Favero, J. A. D., 12H12

Fawcett, B. L., 12H38

Fay, L., 12H20 Fayre, P. F., 12H275 Fehlhaber, R., 12H264 Feidt, C., 12H176 Fein, F., 12F59 Feldman, A. B., 12F9 Feldmann, J., 12D91, 12F87 Felinger, A., 12B42 Felkel, D., 12C46 Felker, L. K., 12D62 Fellner, N., 12E49, 12H23 Feng, F., 12H103 Feng, G., 12F328 Feng, H., 12H238 Feng, P., 12G196 Feng, W., 12F12 Feng. X. B., 12H32 Feng. Y. J., 12C19 Ferapontova, E. E., 12F309 Fermier, A. M., 12A5 Fernandez, A., 12C47 Fernandez, C., 12G128 Fernandez, E., 12H328 Fernandez, J.-M., 12E43 Fernandez, L. P., 12D60 Fernandez de la Campa, M. del R., 12F49 Fernandez Sanchez, M. L., 12F5, 12H276 Fernandez-Abedul, M. T., 12D3, 12F6 Fernandez-Arguelles, M. T., 12D14 Fernandez-Cancio, M., 12F311 Fernandez-Gutierrez, A., 12G137 Fernandez-Suarez, J., 12E57 Ferrantelli, P., 12F285 Ferranti, A., 12G132 Ferrari, C., 12H113 Ferrari, F., 12H50 Ferreira, H., 12G54 Ferreira, I. M. P. L. V. O., 12H322 Ferreira, S. L. C., 12E73 Ferreira, V., 12H366 Ferreira Damin, I. C., 12H208 Ferrell, J. A., 12H175 Ferroni, F. M., 12G36 Fesser, A. C. E., 12H292 Fett, J. P., 12H208 Fiamegos, Y. C., 12H6 Ficarra, R., 12G47 Fidalgo Saez, M. J., 12H285 Fiechtner, G. J., 12B54 Fiedler, N., 12H44 Field, M. P., 12F51 Fielden, P. R., 12E94 Figadere, B., 12D135 Figurovskaya, V. N., 12D31 Fijalek, Z., 12G48, 12G237 Filik, H., 12H62 Filip, C., 12G173 Filliben, J. J., 12C55 Fiori, M. G., 12H223 Fischer, B., 12G185 Fischer, D. J., 12F22 Fischer, J., 12E114 Fisher, N. S., 12F39 Fisk, A. T., 12H286 Fitak, B. A., 12F142 FitzGerald, O., 12F313 Flamini, G., 12G220 Flamini, R., 12H369 Flaten, G. R., 12A25 Fleig Saidelles, A. P., 12H179 Fleming, J. R., 12H319 Flensburg, J., 12F251, 12F259 Flickinger, B., 12B19 Flieger, M., 12C62, 12F285 Fliter, K. L., 12F100 Floriano, P., 12G121 Fodor, P., 12D81, 12F66

Foltz, R. L., 12G165

Fontana, F., 12H122 Fonte, G., 12G118 Fontecha, J., 12H324 Foot, M., 12G208 Forbes, A. J., 12F196 Foresti, E., 12H190 Forgacs, E., 12F225 Forlino, A., 12F277 Fornier de Violet, P., 12F64 Forte, G., 12F67 Fortunato, G., 12A13, 12H354 Foschiera, J. L., 12D111 Foster, G. L., 12E56 Foukaridis, G., 12H166 Fournet, A., 12D135 Fowler, D., 12G57 Fracassi da Silva, J. A., 12B51 Fracchiolla, G., 12B43 Frache, R., 12C22 Frampton, C. M., 12F231 Frampton, N. C., 12A65 Franca, E. J., 12C93 Franck, C., 12H338 Franck, X., 12D135 Frank, R., 12F164 Franze, C., 12H216 Franze, T., 12F220 Franzen, J., 12C66 Franzke, J., 12A28, 12B20 Frassineti, C., 12D114 Frazer, D. G., 12F81 Frech, W., 12F70, 12H178 Freije, J. R., 12F257 Freitag, R., 12B48 Freitas dos Santos, L. M., 12H41 Fremy, J. M., 12F97 French, M., 12D139 Frenzel, A., 12F273 Frerichs, J.-G., 12A54 Fretel, E., 12C32 Freund, M. S., 12E89 Fries, E., 12H120 Friess, U., 12F275 Frigerio, E., 12G119 Fritsch, I., 12H67 Fritschi, G., 12G186, 12G187 Froelich, J. C., 12F140 Fronza, G., 12F247 Frost, R. P., 12G13 Fruk, L., 12F353 Fry, B. G., 12F109 Frye, R. F., 12F141 Frysinger, G. S., 12H174 Fryxell, G. E., 12D67 Fu, A. H., 12F344 Fu, Z. F., 12G201 Fuganti, C., 12F247 Fujii, S., 12A94 Fujimoto, S., 12H76 Fujino, K., 12F153 Fujisawa, T., 12H343 Fujishima, A., 12F356 Fukada, K., 12F249 Fukuda, T., 12F17 Fukui, K., 12D2 Fukushima, M., 12H343 Fukushima, T., 12F151 Furey, A., 12H285 Furlanetto, S., 12B43, 12G132 Furton, K. G., 12G22 Furusawa, N., 12H297 Furuta, N., 12C70, 12H80, 12H131 Furuta, T., 12F156 Gaber, A. A. A., 12D57 Gabriel, A., 12C95 Gabriels, M., 12G122 Gadd, G. M., 12H151 Gaensslen, R. E., 12G20 Gagliardi, L., 12G95 Gagnon, D., 12G222

Gaines, R. B., 12H174 Galati, E. M., 12H340 Galaverna, G., 12F365 Galceran, M. T., 12H46 Galea-Rojas, M., 12A26 Galensa, R., 12H330 Galimberti, A., 12C41 Galipo, R. C., 12E79 Gallagher, N. B., 12A60, 12H139 Gallardo, J., 12H64 Gallea, P., 12A5 Galletti, S., 12H5 Galli, M., 12B16 Gallindo Borges, D. L., 12F88 Gameiro, P., 12G54 Gamelin, E., 12G159 Gamez, G., 12C2 Gamiz-Gracia, L., 12F171 Gammelgaard, B., 12G7 Gan, F., 12H36 Ganeev, A., 12C28 Gangar, V., 12H251 Gangotra, S., 12D13 Gans, P., 12D114 Gao, F., 12F360 Gao, H. W., 12H242 Gao, L., 12F355 Gao, N., 12F193 Gao, R. Y., 12F279 Gao, Z., 12D1 Garcia, C., 12H337 Garcia, C. A., 12G163 Garcia, C. C., 12E26 Garcia, C. D., 12B55, 12F20 Garcia, M. A., 12G190 Garcia Alonso, J. I., 12F46, 12H157 Garcia Barroso, C., 12H352 Garcia Bermejo, L. F., 12H196 Garcia-Algar, O., 12G61, 12G70 Garcia-Alvarez-Coque, M. C., 12G142 Garcia-Campana, A. M., 12F171, 12G50, 12G65 Garcia-Monco Carra, R. M., 12A93 Garcia-Rey, R. M., 12H280 Garcia-Ruiz, C., 12H19 Garcia-Ruiz, E., 12F134 Garcia-Talavera, M., 12H15 Gardana, C., 12F57 Gardner, J. W., 12H371 Gareil, P., 12F133 Gargallo, R., 12F345 Garipean, B., 12F280 Garre, R., 12H203 Garrett, M. D., 12F180 Garrido, E. M. P. J., 12G51 Garrido, J. M. P. J., 12G51, 12G200 Garrido Frenich, A., 12D130, 12H30, 12H197, 12H226 Garrigues, P., 12F64 Gaspari, V., 12H113 Gasquez, J. A., 12H93 Gasser, R. B., 12F363 Gatidou, G., 12H119 Gaudernack, G., 12F374 Gauglitz, G., 12A23 Gauri, K., 12G239 Gautier, G., 12E119 Gavioli, G., 12D131 Gawali, P. B., 12H200 Gawlik, B. M., 12H123 Gawlik, D., 12F95 Gazda-Miarecka, S., 12A92 Gazzano, M., 12H190 Gazzolo, D., 12F232 Gazzotti, T., 12H313 Ge, Z. H., 12G232 Geiger, S., 12F327 Geiser, L., 12B63

Gel-Moreto, N., 12H330 Geller, A. M., 12D111 Gemperline, P. J., 12C50 Genfa, Z., 12A50 Geng, Q. M., 12G79 Genovese, A., 12H364 Gentili, A., 12H83 George, M. P., 12G255 George, P. M., 12H249 Georgiou, G., 12E109 Gergov, M., 12G32 Gerion, D., 12F344 Gerlach, A., 12D3 Gerlach, R. W., 12H8 Germonprez, N., 12G229 Gerra, G., 12F159 Gerrard, J. A., 12H249 Gesele, E., 12G158 Geuns, J. M. C., 12G178 Gharbi, N., 12D64 Ghasemi, J., 12D83 Ghelli, S., 12D114 Gherghi, I., 12B31 Ghule, A., 12E75 Giacomelli, L., 12G68 Giancola, D., 12E111 Giardina, B., 12F99 Giesy, J. P., 12B17 Gigosos, M. A., 12C5 Gijbels, R., 12C27 Gil, A. M., 12H361 Gilbert, T. R., 12H133 Gil'mutdinov, A. K., 12H193 Gimelshein, S. F., 12C4 Ginter, J. M., 12F240 Gionfriddo, F., 12E99 Giordani, R., 12F281 Giovannini, L., 12F232 Giuffrida, D., 12H340 Gjerde, M. I., 12H138 Gjoelstad, M., 12H47 Gladis, J. M., 12H72 Gloekler, J., 12F27 Gluch, I., 12E123 Glynou, K., 12F338 Gnanasekar, K. I., 12A81 Gnanasekaran, T., 12A81 Gobom, J., 12F165 Goda, Y., 12H76 Goddard, N. J., 12E94 Godejohann, M., 12H361 Godlewska-Zylkiewicz, B., 12H130 Godoy Moscciati, G., 12G83 Godoy Ramos, R., 12G83 Goenaga-Polo, J., 12E6 Goerlitz, V., 12H73 Goessler, W., 12D75 Goh, J. K., 12F207 Goicoechea, H. C., 12A32, Golc-Wondra, A., 12H260 Goldfish, R., 12H141 Goldiner, 1., 12F397 Goldman, E. R., 12B23, 12E109 Golfinopoulos, S., 12H119 Gomes, F., 12D111 Gomes, S. T. M., 12H288 Gomes, T., 12H309 Gomes Neto, J. A., 12E116 Gomez, F. A., 12F1 Gomez Lamarca, D., 12H41 Gomez-Carracedo, M. P., 12H328 Goncalves, C., 12A97 Goncalves, F. F., 12H125 Gong, D. W., 12D78 Gonnet, J.-F., 12H221 Gonzalez, L., 12G154 Gonzalez, M., 12H344 Gonzalez, M. A., 12C5 Gonzalez, N., 12F271

Gonzalez-Rodriguez, M. J., 12H30 12H226 Gonzalo-Lumbreras, R., 12G179 Goodey, A. P., 12F343 Gooding, J. J., 12D40, 12F334 Goodlett, D. R., 12F289 Gopal Reddy, C. V., 12D124 Gora, J., 12G210 Gora, R., 12H182 Gorbounov, V., 12B1 Gorecki, T., 12E54 Gorniak, S. L., 12H222 Gorton, L., 12A97, 12F309 Goswami, A., 12D13, 12D29 Gotardo, M. A., 12G78 Goto, J., 12G40 Goto, M., 12D58, 12H103 Gottfried Paniz, J. N., 12H179 Gottschlich, N., 12D3 Gouttebaron, R., 12E25 Govorukhina, N. I., 12F258 Grabarczyk, M., 12H63 Graham, D., 12F353 Grambole, D., 12E121 Granelli, I., 12F274 Granger, J., 12F18 Grasa, P., 12A42 Grasso, D. A., 12F161 Grate, J. W., 12A60, 12B10 Grausgruber, H., 12H216 Gray, M. J., 12D97 Greaser, M. L., 12F179 Green, P. G., 12H88 Greene, J. P., 12D62 Greenwood, J. C., 12C78 Greibrokk, T., 12B39, 12B45, 12F132 Grenier-Loustalot, M.-F., 12H303 Grenon, M., 12F62 Grey, J. B., 12H375 Gributs, C. E. W., 12C12 Gridchin, S. N., 12D52 Grigliatti, T. A., 12F181 Grigoreas, G. H. A., 12F115 Grimalt, J. O., 12E59 Grimalt, S., 12H347 Grimes, C. A., 12D78 Grinberg, P., 12F92 Gritti, F., 12D134 Grobuschek, N., 12F243 Groen, A. K., 12F397 Groen, G., 12G185 Groenhaug Halvorsen, T., 12G86 Grohmann, K., 12F129 Gronostajska, D., 12F143 Groppe, M., 12F37 Gross, G. M., 12B26 Grosset, C., 12F276 Grotti, M., 12C22 Grudpan, K., 12F320 Gruenert, R., 12F182 Grunert, T., 12F291 Grunze, M., 12D33 Gruppen, H., 12F248, 12F389 Grzybowski, B. A., 12E84 Gu, J. H., 12H54 Gu, J. Z., 12A85 Gualtieri, A. F., 12H190 Guazzoni, C., 12C41 Guber, A. E., 12D3 Guchardi, R., 12C37 Guebitz, G., 12D27, 12F243, 12G172 Guedes de Pinho, P., 12H359 Guedon, P., 12F373 Guenther, D., 12C67, 12C72 Guenther, W., 12H127 Guidugli, F., 12C89 Guillaume, Y. C., 12F101 Guillen, D. A., 12H352 Guillen, F., 12H336 Guillong, M., 12C72

Guillot, P., 12C32 Guiochon, G., 12B25, 12B42, 12D134, 12F195 Guivarch, F., 12D120 Gulin, S., 12F120 Gumieniczek, A., 12G145 Gunaratna, C., 12G259 Gundersen, T. E., 12F396 Guo, B. C., 12F127 Guo, T., 12G242 Guo, W., 12F278 Gupta, C. L., 12A84 Gupta, M., 12H107 Gupta, R. C., 12G15, 12G125 Gupta, V. K., 12G227 Gurol, A., 12C43 Gustafson, R., 12G255 Gustafsson, L. L., 12G126 Guthrie, W. F., 12E12 Gutierrez, A., 12H220 Gutierrez Alonso, G., 12E57 Gutleben, W., 12F316 Gutsche, A. T., 12H209 Gutzki, F.-M., 12F140 Guyomare'H, F., 12H310 Ha, K. S., 12F293 Habdas, J., 12F319 Hachula, U., 12G170 Hadley, M. R., 12B61 Haendel, H., 12G158 Hageman, J. A., 12E13 Hagerman, A. E., 12F304 Hagerman, R. A., 12F304 Haghedooren, E., 12G76 Haginaka, J., 12G5, 12G151 Haider, M., 12A48 Haire, R. G., 12C76 Hajian, R., 12D15 Hajkova, R., 12G157 Hakala, K., 12F54 Hakkarainen, M., 12E105 Halafihi, T., 12D44 Halas, L., 12D109 Halicz, L., 12D59 Halikias, K., 12A92 Hall, A., 12F326 Hall, E. A. H., 12A62 Hall, G. S., 12E103 Halling-Soerensen, B., 12H161 Halls, T. D. J., 12G102 Hamada, M. M., 12E33 Hamaguchi, N., 12F175 Hamdan, M., 12F241, 12F286 Hamdi, M., 12G211 Hametner, C., 12H262 Hammack, T. S., 12H317 Hamrapurkar, P. D., 12G239, 12H235 Han, F. T., 12F8 Han, K. A., 12F194 Han, S. C., 12F223 Han, S. H., 12H151 Handa, G., 12G227 Handberg, E. S., 12E93 Hang, W., 12D104 Hang, Y. P., 12E65 Hanisch, F.-G., 12F146 Hanke, G., 12H114 Hann, S., 12D25, 12F50 Hannis, J. C., 12C68 Hansen, C., 12A51 Hansen, H., 12H316 Hansen, H. R., 12F87 Hansen, S. H., 12G7 Hansen, U., 12C32 Hao, X. Y., 12G87 Hao, Y. J., 12H32 Haraguchi, M., 12H222 Hardcastle, A., 12F180 Hardies, N., 12G6 Hardy, E., 12F120 Haring, H.-U., 12F275

Harley, R. A., 12H144 Harper, R. J., 12G22 Harrad, S., 12F103 Harrington, P. B., 12A22 Harrison, M. W., 12B61 Harrison, W. W., 12C75 Hartley, H. A., 12F322 Hartman, R., 12G232 Hartmann, A., 12C32 Hartmann, E., 12F265 Hartmann, P., 12A14 Hartog, K. D., 12G12 Hartonen, K., 12H160 Hartwell, S. K., 12F320 Haruyama, T., 12F7 Hasan, Q., 12F11 Hasegawa, C., 12G133 Hasegawa, M., 12F253, 12F254 Hasegawa, S., 12E18 Hasegawa, T., 12E7 Hashimoto, S., 12B17, 12F82, 12H16 Hasirci, V., 12G105 Hassan, M. S., 12A27 Hassan, S. S. M., 12A75, 12D34 Hassanien, M. M., 12H73 Hassell, D. C., 12D104 Haston, J. L., 12F313 Hatami, M., 12A43 Hatano, T., 12F47 Hattendorf, B., 12C67 Hattori, H., 12G55 Hauck, T., 12F23 Hauser, B., 12A44 Hauser, P. C., 12C37, 12D3 Hautman, D. P., 12H109 Havarinasah S. 12F70 Havel, J., 12B58 Havezov, I., 12E36 Hawkins, R. C., 12F233 Hayakawa, K., 12D103, 12F77, 12G183 Hayakawa, S., 12F249 Hayano, Y., 12D20 Hayasaka, S., 12G106 Hayashi, K., 12E7 Hayashi, Y., 12B3 Hayden, O., 12A92 Hayen, H., 12G130 Hayhurst, A., 12E109 He, P., 12F56 He, P. G., 12H358 He, X. W., 12G109 He, Z. G., 12G252 Healy, P. A., 12H319 Heard, C. M., 12B66, 12G45 Hearn, M. T. W., 12F256, 12F263 Hebenstreit, D., 12G189 Heberer, T., 12H108 Hebert, N. E., 12F148 Hecq, M., 12E25 Hee, L. I., 12E44 Hefnawy, M. M., 12G127 Heiduschka, P., 12F37 Heimbuechel, G., 12F146 Heine, S., 12G182 Heineman, W. R., 12A96 Heinemann, U., 12G101 Heinonen, S., 12H357 Heinrich, J., 12H49 Held, C. B., 12D133 Hellal, F., 12E71 Heller, M. J., 12F377 Helmbach, H., 12F242 Henderson, G. N., 12H68 Henion, J., 12G136 Henkelmann, R., 12E122 Hennessy, T. P., 12F256 Henry, C. S., 12B55, 12F20 Henry, J. L., 12G258 Herbert, B. J., 12F366 Hercules, D. M., 12E81

Gonzalez-Gomez, C., 12H42

Heritage, E. C., 12A5 Hermann, G., 12H193 Hermens, J. L. M., 12H143 Hermle, L., 12G185 Hermosin, I., 12H271 Hernandez, D., 12E6 Hernandez, F., 12H347 Hernandez, H., 12F206 Hernandez, L., 12D126, 12F1 Hernandez, P., 12D126 Hernandez, P. R., 12H64 Hernandez, P. S., 12H332 Hernandez-Caraballo, E. A., 12H372 Hernandez-Rivera, S. P., 12E6 Herraiz, M., 12H227 Herrenknecht, C., 12D64, 12D135 Herrera, R. J., 12F361 Herrmann, D., 12D3 Herrmann, F., 12E121 Herrmann, M., 12F166 Hesketh, P., 12A89 Heumann, K. G., 12C83, 12E48 Hewavitharana, A. K., 12F246 Hewitt, A., 12G25 Heya, T., 12B35 Hianik, T., 12A70 Hibara, A., 12C61 Hibbert, D. B., 12D40 Hibiki, T., 12C96 Hickman, J., 12F203 Hidalgo, F. J., 12F245 Hidalgo, M., 12F56 Hieftje, G. M., 12C2, 12C20, 12C80 Higuchi, H., 12H79 Higurashi, Y., 12C88 Hiki, S., 12C61 Hild, F., 12C10 Hill, L., 12H251 Hill, L. R., 12F204 Hiltunen, R., 12H374 Hines, E. L., 12H371 Hinke, S., 12H204 Hinojosa Reyes, L., 12F46, 12H276 Hinshaw, J. V., 12B19 Hintelmann, H., 12E50, 12H4 Hirai, S., 12H244 Hirakawa, H., 12F238 Hirakawa, Y., 12F351 Hiramatsu, H., 12D16 Hirano, A., 12F190 Hirata, K., 12F230 Hirata, S., 12H10 Hirata, T., 12D20 Hirokawa, T., 12D128, 12H85 Hirsch, A., 12D64 Hitam, M. S., 12H326 Hjerpe, A., 12F226 Ho, C. S., 12G177 Ho, H. M., 12F139 Ho, J. A., 12F71 Ho, K. C., 12H55 Ho, Y. H., 12G98 Hobbs, A. L., 12E76 Hobo, T., 12A52, 12B12, 12E15, 12E20, 12F244 Hocquemiller, R., 12D135 Hodge, V. F., 12H70 Hodges, R. S., 12F262, 12F264, 12F265, 12F267 Hodko, D., 12F377 Hodoroaba, V.-D., 12C25, 12E4 Hoemer, J. K., 12F197 Hoerth, P., 12F261 Hoffmann, V., 12C25, 12C31, 12C38, 12C39, 12E4 Hoffmann, W., 12D3 Hofmann, A. W., 12E47

Hofstadler, S. A., 12C68

Hogg, T., 12H359 Hohlfeld, J. M., 12F140 Holcapek, M., 12E106, 12E112, Holcombe, J. A., 12H98 Holle, A., 12C66 Holliday, A. E., 12H100 Holm, A., 12B45, 12F132 Holm, Y., 12H374 Holmes, E., 12A15, 12F72, 12F79, 12G23 Holoubek, I., 12H89 Holzgrabe, U., 12G141 Hommel, E. L., 12C56 Honzatko, A., 12C62, 12F285 Hoogmartens, J., 12B41, 12G73, 12G75, 12G76, 12G229 Hook, G. L., 12E115 Hooper, M., 12G52 Hope, J. L., 12B10 Hopkala, H., 12G145, 12G146 Hopke, P. K., 12A16, 12H36 Hopwood, J. A., 12D85 Horak, D., 12F25 Horie, M., 12H281 Horn, I., 12C72 Horstwood, M. S. A., 12E56 Horswell, J., 12F96 Horwath, W. R., 12D72 Hoszowska, J., 12D30 Hotchkiss, A. T., 12F129 Hou, X. D., 12C19 Houk, R. S., 12C79, 12E28 Houserova, P., 12H129 Howell, K. A., 12H74 Howell, M., 12F292 Hruba, L., 12E106 Hsi, T. S., 12H256 Hsiao, C. Y., 12A78 Hsieh, Y. S., 12G247 Hsu, H. R., 12G193 Hsu, H. W., 12F71 Hsu, Y. L., 12G22 Hu, B., 12F41 Hu, J. B., 12F317, 12F336 Hu, J. Y., 12H149 Hu, M., 12F363 Hu, S. Q., 12D129 Hu, X. L., 12G198 Hu, X. Y., 12H189 Hu, Y. M., 12G205 Hu, Z. D., 12F209, 12G52, 12G198, 12G204, 12G246 Huan, S. Y., 12D129 Huang, B. L., 12H159 Huang, C. C., 12F323 Huang, C. Y., 12F93 Huang, C. Z., 12G43, 12G196 Huang, F. X., 12F145 Huang, G. H., 12H205 Huang, I. Y., 12D45 Huang, J., 12H121 Huang, J. C., 12H102 Huang, J. F., 12F371 Huang, M., 12C2 Huang, R. S., 12D45 Huang, S. D., 12H110 Huang, S. S., 12D76 Huang, X., 12G87 Huang, X., 12G87 Huang, X. J., 12H56 Huang, Y., 12F139 Huang, Y. P., 12F346 Huang, Y. Z., 12H132 Huber, C., 12F33 Huber, C. G., 12F321 Huber, M. I., 12F256 Hubert, P., 12A8, 12G63, 12G75, 12G147, 12G153, 12G181 Hubinois, J.-C., 12E42 Hueske, E. A., 12C16 Huestis, M. A., 12G56, 12G255 Huetter, G., 12F242

Huffman, S. W., 12C51 Hufnagel, P., 12C66 Hughes, D., 12H251 Huh, B. K., 12E35 Huh, M. Y., 12A90 Huie, C. W., 12H236 Huie, R. E., 12D8 Hultman, P., 12F70 Hundal, L. S., 12H147 Hung, W. T., 12H55 Hunter, R. P., 12G60 Huo, R., 12C53 Hupe, M., 12E107 Hurshman, B., 12H311 Hurst, R. D., 12F61 Hussain, M. S., 12G13 Hutchinson, A., 12E83 Hutsebaut, D., 12E102 Hutt, A. J., 12B61 Hutta, M., 12H182 Huyghe, D., 12G10 Huyghebaert, A., 12H308 Hynes, M. J., 12H239 Hyotylainen, T., 12H28, 12H160 Hyun, M. H., 12F223 Hyun, M. S., 12H151 lacovitti, M., 12F60 Ibanez, M., 12H347 Iberer, G., 12F26, 12F252 Ibrahim, H. S. M., 12F385 Ichihara, T., 12H85 Ichikawa, A., 12F17 Idborg-Bjorkman, H., 12F14 Ide, K., 12E18 lemoli, L., 12G234 Igarashi, S., 12A41, 12D66, 12D89 Ignacio, M., 12G121 Ihara, H., 12H27 Iida, H., 12E53 Iimura, K., 12F34 lio, R., 12G183 Ikeda, K., 12H222 Ikeda, N., 12G30 Ikegami, Y., 12G106 Ildefonse, P., 12H146 Ilie, S., 12D112 Imai, K., 12F150, 12F151, 12F187, 12F300, 12G43 Imai, S., 12H97 Imperial, S., 12F311 Imre, S., 12G66 Inagaki, K., 12H157 Infante, H. G., 12F78, 12F94 Ingelbrecht, C., 12E32 Ingri, J., 12E55 Inguanzo, M., 12E74 Ino, Y., 12F272 Inoue, Y., 12F123 Inouye, K., 12F253 Insel, P. A., 12F329 Ioannides, K., 12H168 Ioannou, P. C., 12F338 Ionita, G., 12F283 Iou, S. C., 12G243 Ipolyi, I., 12D81 Irth, H., 12F118 Isacchi, A., 12F163 Isaza, R., 12G60 Ishida, A., 12F349 Ishida, J., 12D105 Ishii, A., 12G55 Ishii, N., 12E39 Ishikawa, H., 12F76 Ishikawa, N., 12E9 Ishikawa, T., 12G106 Iskandarova, E. V., 12D52 Isoyama, H., 12E53 Itagaki, M., 12H78 Ito, H., 12F82 Ito, K., 12H85 Ito, S., 12E53

Ito, Y., 12F272 Itoh, S., 12E18, 12E20 Ivackovic, V., 12H268 Ivandini, T. A., 12F356 Ivanov, V. M., 12D31, 12H135 Ivanova, E., 12F94 Ivanova, R., 12H150 Ivanyi, T., 12B41 Iverson, B. L., 12E109 Iwatani, N., 12E72 Iyer, R., 12F117 Izako, M., 12E15 Izquierdo-Hornillos, R., 12G179 Izrailov, E., 12C28 Izu, N., 12A76, 12A86 Jabasini, M., 12F350 Jackman, J., 12F9 Jackson, G. P., 12C27, 12C76, 12C81, 12D32 Jackson, T., 12F109 Jacobsen, C., 12F39 Jacobson, B.-M., 12G248 Jacobson, S. C., 12F189 Jacobsson, S. P., 12F14 Jaffrezo, J. L., 12H113 Jain, A., 12H107 Jain, N., 12H215 Jakmunee, J., 12F320 Jakob, A., 12D95 Jakoniuk, D., 12F142 Jakubik, S., 12H261 Jambunathan, U., 12H152 James, C. A., 12G118, 12G119 James, D., 12H306 James, K. J., 12H285 James, P. A., 12H41 Jameson, E. E., 12F200 Jana, N. R., 12C58 Jandera, P., 12B44, 12E106, 12E112, 12E114 Jang, J. G., 12H151 Janicak, P. G., 12G92 Janicsak, G., 12G206 Jansson, A., 12G126 Jantzen, E., 12H261 Jarauta, I., 12H366 Jarosz, M., 12E113, 12E123 Jaumot, J., 12F345 Jayanthi, V., 12F105 Jayaraman, V., 12A81 Je, J. Y., 12F128 Jeffries, T. E., 12E57 Jelen, F., 12G17 Jen, J. F., 12H111, 12H183 Jenke, D., 12E104, 12E110, 12G9 Jenks, P. J., 12A10, 12A11 Jensen, B. P., 12G7 Jensen, D. J., 12F44 Jeong, S. Y., 12F83 Jerkovic, I., 12G217 Jeroschewski, P., 12H37 Jeunink, M. A. F., 12F359 Ji, H. F., 12D82 Ji, Z. N., 12G223 Jia, M. H., 12H68 Jia, N. Q., 12F122 Jiang, D. C., 12F210 Jiang, F., 12G53 Jiang, G. B., 12E117, 12H124 Jiang, J. G., 12A68 Jiang, J. H., 12E92 Jiang, L. Q., 12H128 Jiang, S. J., 12H256 Jiang, X., 12G102 Jiang, Y., 12F24 Jiang, Z. C., 12F41 Jiang, Z. H., 12G249 Jiao, C. X., 12A79, 12G71 Jiao, Z., 12A85, 12H54 Jimenez, M. S., 12H315 Jimenez, R. M., 12G154 Jin, F. M., 12D122

Jin, F. X., 12D90, 12F203 Jin, L. T., 12F296 Jin, O. Y., 12G114 Jin, Q., 12F360 Jin, W. H., 12F127 Jin, W. R., 12F193 Jira, T., 12G158 Jochum, K. P., 12E47 Joensson, J. A., 12A45 Johannesson, K. H., 12H70 Johnson, A. C., 12H90 Johnson, C., 12E95 Johnson, K. J., 12B10 Johnson, M. L., 12H317 Johnson, R. D., 12A53 Johnson, W., Jr., 12H177 Johnston, M. V., 12F240 Jolly, P. S., 12F135 Jones, K. W., 12H238 Jongen, P. M. J. M., 12G12 Jonsson, G., 12H116 Jonsson, O. B., 12F65, 12F107 Jorabchi, K., 12D24 Jose, G. E., 12E70 Joseph-Charles, J., 12G138 Josephs, R. D., 12H262 Josic, D., 12F26 Jourdan, E., 12F276 Ju, H. X., 12D47, 12D71 Ju. Y., 12G204 Juenke, J. M., 12G93 Juillot, F., 12H146 Julshamn, K., 12H291 Jungbauer, A., 12A71, 12F26, 12F252, 12F265 Junghanns, W., 12H216 Junikka, M., 12F228 Jussila, M., 12D136, 12F381, 12H28 Justinova, M., 12D109 Juteau, F., 12G217 Kachouri, F., 12G211 Kaddis, J., 12F1 Kaever, V., 12G110 Kafarski, P., 12D110, 12D121 Kageyama, T., 12C88 Kahen, K., 12D24 Kahlos, K., 12H374 Kaihara, A., 12F198 Kakizaki, H., 12B2 Kalisz, H. M., 12F163 Kaliszan, R., 12B47 Kalkura, S. N., 12F105 Kallai, M., 12G206 Kalogerakis, N., 12H112 Kaltashov, I. A., 12F197 Kaltenpoth, G., 12D33 Kamaishi, T., 12D74 Kamal, M. M., 12F385 Kamal-Eldin, A., 12H232 Kamali-Moghaddam, M., 12F259 Kambhampati, D., 12F32 Kamei, K., 12F7 Kamidate, T., 12F349 Kanayama, Y., 12F58 Kanda, R., 12H90 Kandler, W., 12H262 Kane, D., 12F313 Kane-Maguire, N. A. P., 12F366 Kaneki, M., 12D66 Kaneko, S., 12F76 Kaneko, T. M., 12G59 Kang, H. G., 12H225 Kang, J. W., 12D102 Kanjilal, P. B., 12G219 Kannan, B., 12F344 Kannan, K., 12B17 Kapetanovic, V., 12G82 Kaplan, L. A., 12H105 Kapron, J. T., 12G136 Karabulut, A., 12C43

Karamanis, D., 12H168 Karamanos, N. K., 12F131, 12F226, 12F227 Karayannis, M. I., 12D87 Karibe, C., 12G133 Karimi Savojbolaghi, A., 12G3 Karlberg, B., 12F274 Karljikovic-Rajic, K., 12G144, 12G161 Karlovits, M., 12C54 Karlsen, A., 12F396 Karlsson, A., 12F13 Karlsson, R., 12F13 Karpouzi, M., 12H94 Karst, U., 12G130 Kartal, S., 12H48 Karthikeyan, S., 12H10 Kasali, A. A., 12E97 Kase, M., 12C88 Kashwan, K. R., 12H371 Kasicka, V., 12F266 Kasik, M., 12E23 Kaskevich, O. K., 12H58 Kasprzycka-Guttman, T., 12G237 Kassegne, S. K., 12F377 Kast, J., 12F292 Kasuya, Y., 12F156 Katagi, T., 12H343 Katakis, I., 12F117 Katami, T., 12E96 Kataoka, M., 12F130 Katayama, M., 12F76 Katneni, K., 12G251 Kato, A., 12H222 Kato, H., 12F238 Kato, M. J., 12G59 Kato, R., 12D74 Kato, T., 12F34 Kato, Y., 12F253, 12F254 Katskov, D. A., 12F89 Katsumoto, Y., 12C69 Katsuragi, T., 12F17 Katz, T., 12H311 Kauffman, S. W., 12F129 Kaur, J., 12F170 Kauri, L. M., 12F357 Kaveie, M., 12D30 Kawahara, J., 12H43 Kawai, Y., 12F198 Kawasaki, A., 12F288 Kawde, A.-N., 12F354 Kaykhaii, M., 12E86 Kazmierczak, D., 12F284 Keah, H. H., 12F263 Kean, A. J., 12H144 Kedor-Hackmann, E. R. M., 12G74 Keeler, G. J., 12H118 Keetch, C. A., 12F206 Keevil, B. G., 12G80 Kehr, J., 12F153 Keil, P., 12A44 Keizer-Gunnink, A., 12F258 Kelleher, N. L., 12F196 Kelly, W. R., 12H96 Kendall, G. R., 12H144 Kennedy, R. T., 12F149, 12F200, Kerkapoly, A., 12H22 Kermis, H. R., 12D41 Kermit, M., 12A20 Kery, A., 12G233 Ketterer, M. E., 12H191 Kettrup, A., 12F48 Keun, H., 12G23 Keun, H. C., 12A15, 12F72 Key, N. S., 12F42 Khajuria, R. K., 12F108, 12G227 Khaled, A.-R. A., 12A87 Khan, M., 12H215 Khan, M. A., 12E80

Khater, A. E. M., 12H115 Khorfan, A., 12E45 Kiani, R., 12D48 Kiba, N., 12F123 Kidera, M., 12C88 Kieffer, D., 12G10 Kikuchi, K., 12D49 Kikuchi, Y., 12H97 Kim, B. C., 12D2 Kim, B. H., 12G72, 12G250 Kim, E. J., 12G81 Kim, H. J., 12H151 Kim, J., 12G40 Kim, J. H., 12G40 Kim, J. S., 12E35 Kim, J.-B., 12D128 Kim, K. R., 12G40 Kim, M., 12H151 Kim, M. H., 12H225 Kim, M. R., 12F45 Kim, M. Y., 12F133 Kim, S. H., 12A90 Kim, S. K., 12F128 Kim, W. B., 12G81 Kim, Y. B., 12F45, 12F196 Kim, Y. H., 12D2 Kim, Y. M., 12F83, 12F293 Kimm, G., 12E115 Kimura, T., 12E9 Kinebuchi, T., 12F272 King, C., 12H265 King, F. L., 12C26, 12C81, 12D32, 12E82 King, J. C., 12F84 King, S. M., 12F84 Kingsmill, C. A., 12G14 Kini, R. M., 12F109 Kipen, H., 12H44 Kirby, R., 12F343 Kirchner, G. I., 12G110 Kiridena, W., 12B15 Kirkup, L., 12G208 Kirschhoefer, F., 12F255 Kirwan, P., 12C49 Kishimoto, T., 12H79 Kitagawa, S., 12B5 Kitamori, T., 12C61 Kitamura, K., 12F82 Kitamura, T., 12F254 Kizek, R., 12G17 Kizu, R., 12F77 Klaassen, C. H. W., 12F359 Klan, P., 12H89 Klanova, J., 12H89 Klapdor-Kleingrothaus, H. V., 12A37 Klejdus, B., 12H355 Klett, O., 12A95 Klette, K. L., 12G255 Kletter, K., 12G164 Klima, J., 12G90 Klingbeil, P., 12C85 Klinkenberg, R., 12G63 Klodzinska, E., 12F31 Klomp, A., 12G99 Klose, J., 12F165, 12F166 Klostius, A., 12F243 Kmetec, V., 12G62 Kmetov, V., 12C86 Knaapen, A. M., 12H49 Knebel, N., 12G101 Knight, P. J. K., 12F181 Kobatake, E., 12A77, 12F7 Kobayashi, H., 12B21 Kobayashi, T., 12E18, 12E20 Kobya, A. I., 12E40 Koch, D. E., 12G60 Koch, M. H. J., 12C95 Kochanowski, B. K., 12E79 Kochelaeva, G. A., 12H135 Kochergina, L. A., 12D52 Kodama, S., 12D103

Koehl, G., 12F273 Koehler, P., 12H273, 12H274 Koel, M., 12D19 Koellensperger, G., 12D25 Koenig, W. A., 12E97, 12G212 Koerting, G., 12F165 Koh, H. L., 12G228 Kohl, S., 12F242 Kohlmeyer, U., 12H261 Koike, T., 12F288 Koizumi, H., 12F123 Kojima, H., 12D49 Kojima, S., 12G55 Koksal, F., 12H14 Kolarova, L., 12G64 Kolev, S. D., 12H373 Kolodsick, K. J., 12G14 Kolokythas, G., 12H119 Kolotov, V. P., 12C92 Komarek, J., 12H129 Komatsu, H., 12D49, 12F224 Kominato, Y., 12F362 Kondrashova, N. B., 12H31 Kong, D. M., 12F346 Kong, J. L., 12F210 Kong, L. A., 12B36 Kong, Y., 12F279 Kongtawelert, P., 12F320 Konidari, C. N., 12H6 Konishi, M., 12E53 Kontominas, M. G., 12D106 Kontoyannis, C. G., 12G39 Koo, Y. M., 12E35 Kopecky, J., 12G64 Kopelman, R., 12F38 Koppenaal, D. W., 12C80 Kopyse, E., 12C45 Korchazhkina, O., 12F394 Korenkova, E., 12H202 Korfmacher, W. A., 12G247 Korkmaz, D., 12H333 Kornacka, M., 12F232 Korolczuk, M., 12H63 Korori, S. A. A., 12G216 Kosar, M., 12H374 Koseoglu, R., 12H14 Koshi, M., 12H11 Kostopoulou, M., 12H119 Kostov, Y., 12D41 Koszegi, T., 12H234 Kotoky, R., 12G219 Kotrikla, A., 12H119 Kou, H. S., 12G98 Kou, X. M., 12C19 Koudobine, I., 12C14 Kovacs, Z., 12B41 Kovar, K.-A., 12G185 Kowalczuk, D., 12G145 Kowalski, P., 12H302 Koziol, W. W., 12B15 Kozlov, B., 12C82 Krachler, M., 12H224 Krakovska, E., 12C44 Kral, V., 12F266 Krance, J., 12B37 Krause, C., 12F33 Kregsamer, P., 12C23, 12E41 Krings, U., 12H267 Krishnaiah, A., 12A9 Krishnan, C., 12F119 Krisko, R. M., 12G168 Kristo, S. T., 12G233 Krivosheina, I. V., 12A37 Krogh, K. A., 12H161 Krol, J., 12H7 Krska, R., 12A2, 12H262 Krstulovic, A. M., 12D120 Krug, F. J., 12F52 Krupa, J. C., 12F302 Krylov, S. N., 12F215, 12F308 Kuballa, J., 12H261 Kuban, P., 12B1

Khanuja, S. P. S., 12H213

Karakala, E., 12H168

Kuban, V., 12H355 Kubicek, V., 12G91 Kubista, M., 12H328 Kubo, I., 12H194 Kubota, F., 12D58 Kubota, L. T., 12D28 Kubota, N., 12A94 Kucera, J., 12E60 Kucova, D., 12G91 Kudo, K., 12G30 Kuehl, B., 12F255 Kueppers, S., 12A48 Kuhlbusch, T., 12H49 Kuhr, W. G., 12F148 Kulagina, N. V., 12F40 Kuldvee, R., 12D136 Kulichenko, S. A., 12H327 Kulig, K., 12G139 Kulik, W., 12F397 Kulshrestha, P., 12H141 Kumar, A. S., 12A69 Kumar, P., 12F204 Kumar, S. J., 12H178 Kumar, T. N. K., 12H3 Kumar, V., 12G42 Kumazawa, T., 12G28, 12G55, Kunes, J., 12G64 Kungl, A., 12B22 Kunisue, T., 12H145 Kunze, K., 12A28, 12B20 Kuo, C. H., 12G236 Kuo, F. H., 12G193 Kuosmanen, K., 12H28 Kuramitsu, Y., 12F192 Kurata, K., 12F270 Kurilich, A. C., 12F390 Kuroda, Y., 12F221 Kurunczi, S., 12H5 Kurz, M. H. S., 12H125 Kuswandi, B., 12A57 Kutter, J. P., 12A99 Kuwabara, K., 12H91 Kuwana, E., 12C52 Kuzmanovski, I., 12F16 Kvalheim, O. M., 12F14 Kvetina, J., 12G64 Kwakye, S., 12F324 Kwok, A. K. H., 12G167 Kwok, Y. C., 12A99 Kwon, J. W., 12G81 La, S., 12G40 la Colla, P., 12G213 Lacerda, A. C. L., 12G59 Laemmerhofer, M., 12G189 Lafontaine, M., 12F64 Lagana, A., 12H295 Lage, H., 12F242 Lago, R. M., 12A39 Lahiri, S., 12D17 Lai, J. P., 12G109 Lai, W. D., 12H102 Laitinen, P., 12F228 Lajolo, F. M., 12H331 Lakatos, A., 12H234 Lal, J., 12G125 Lalere, B., 12H157 Lalla, J. K., 12G239, 12H235 Lam, C. W. K., 12G177 Lam, M. H. W., 12D117 Lamari, F., 12F131 Lamari, F. N., 12F227 Lamaze, G. P., 12E34 Lambert, W., 12H127 Lambertsson, L., 12F70 Lambropoulou, D. A., 12H180 Lammertyn, J., 12H338 Lamotte, M., 12F64 Lamparczyk, H., 12H302 Lancas, F. M., 12G260 Land, W. H., 12H18

Langbehn, J., 12H216

Langer, O., 12G164 Langlois, G. W., 12H296 Langlois, M.-H., 12G138 Larock, R. C., 12B40, 12G209 Larsen, B. S., 12F240 Larsen, E. H., 12H291 Larson, R. G., 12F339 Laserna, J. J., 12E26, 12E29 Lassalle, N., 12F373 Lasztity, A., 12F95 Latkoczy, C., 12C67 Latorre, L. R., 12G59 Latronico, L., 12C3 Lau, A. J., 12G228 Laughlin, B. C., 12E93 Laurent, F., 12H176, 12H218 Lavoine, V., 12E42 Law, A. J. R., 12H310 Law, B., 12F81 Lawrence, N. S., 12F295 Lawson, S. T., 12H118 Lazarevic, K., 12H268 le Goff, T., 12A65 le Moli, F., 12F161 le Roux, Y., 12H176 Leandersson, S., 12G248 Lebedev, M. Y., 12H198 Leblanc, C. J., 12H88 Leblanc, M., 12H146 Lechat, P., 12G128 Lee, C. C., 12C40 Lee, C. R., 12D120 Lee, H., 12F289 Lee, H. G., 12F293 Lee, H. J., 12F201, 12F293, 12G72 Lee, K., 12H263 Lee, M. C., 12G243 Lee, M. G., 12G81 Lee, S. C., 12G72 Lee, S. H., 12G224, 12H348 Lee, W., 12G121 Lee, W. J., 12G224 Lee, W. Y., 12D116 Lee, X. P., 12G28, 12G55, 12G133 Lee, Y. L., 12A78 Leeds, A., 12F103 Leermakers, M., 12H5, 12H158 Lehane, M., 12H285 Lehman-McKeeman, L. D., 12F100 Lehmann, R., 12F275 Lehmann, S. V., 12G104 Lehmusjarvi, M., 12H28 Lehn, S. A., 12C2 Lehrach, H., 12F27 Lei, Y., 12H84 Leija, L., 12H64 Leis, H. J., 12F155 Lekkas, T., 12H119 Lemberg, M. K., 12F177 Lemr, K., 12H329 Lemus Gallego, J. M., 12G4, 12G192 Lenfeld, J., 12F25 Lenghaus, K., 12F203 Lenz, E. M., 12F18 Lenzen, G., 12D112 Leon, A., 12G238 Leonard, S., 12G229 Leonhard, P., 12F169, 12F367 Leonida, M. D., 12F380 Lercker, G., 12H323 Lernmark, A., 12F222 Lesci, I. G., 12H190 Leung, L. K., 12F139 Leung, M. K. P., 12D117 Leuschner, R. G. K., 12H243 Lever, M., 12H249 Levi, M., 12B57

Levin, D. A., 12C4

Levin, I. W., 12C51 Levine, B., 12G57, 12G255 Levine, B. S., 12G120 Levine, D. Z., 12F60 Levy, Y., 12F373 Lewandowska, K., 12B47 Lewis, C. L., 12C26, 12D104 Lewis, D. M., 12F81 Lewis, J. G., 12G184 Lewis, M. G., 12G184 Lewis, W. E., 12H172 Li, B., 12D71, 12H159 Li, B. F., 12D76 Li, C. H., 12G79 Li, C. K., 12F318 Li, C. S., 12D54, 12F360 Li, C. W., 12E16 Li, D. H., 12H184 Li, F., 12D1 Li, F. M., 12G242 Li, G. C., 12H111 Li, G. P., 12F8 Li, G. X., 12G195 Li, H., 12B58, 12H358 Li, H. P., 12H111 Li, J., 12F355, 12H205 Li, J. H., 12F336 Li, J. Z., 12A50, 12A58 Li, K. A., 12D115 Li, L., 12C26, 12E82, 12F174, 12F347 Li, N., 12B13, 12D115 Li, P. C. H., 12F218 Li, Q. L., 12F317 Li, S. L., 12D101 Li, S. T., 12F211 Li, S. X., 12H132 Li, T., 12G113 Li, W., 12F360 Li, W. H., 12F85 Li, W. R., 12F173 Li, X. F., 12G103 Li, X. H., 12D67 Li, X. J., 12F193 Li, X. L., 12G226 Li, X. M., 12H294 Li, Y. F., 12G196 Li, Y. M., 12B46, 12D94 Li, Y. X., 12F328, 12F376 Li, Y. Z., 12B29 Li, Z. M., 12F174 Li, Z. Q., 12G199 Liang, C. D., 12B25 Liang, C. Z., 12H242 Liang, J. L., 12F360 Liang, P., 12F41 Liang, W. Q., 12H242 Liang, X., 12E117, 12H124 Liang, X. M., 12G226 Liao, J. P., 12D76 Libong, D., 12C87 Licea Perez, H., 12H77 Lichtfouse, E., 12H176 Lieberzeit, P. A., 12A92 Liedberg, B., 12F32 Lienemann, P., 12E31 Lienqueo, M. E., 12F260 Lim, E. B., 12F207 Lim, H. B., 12C77 Lima, J. L. F. C., 12G44, 12G54 Limbach, P. A., 12F299 Lin, B. C., 12F375 Lin, C. H., 12H351 Lin, C. W., 12D137 Lin, E. G., 12G116 Lin, H., 12F204 Lin, H. H., 12H110 Lin, J. S., 12F9 Lin, J. Y., 12H102 Lin, K. W., 12H53 Lin, M., 12F290

Lin, R. S., 12F370

Lin, S. N., 12G165 Lin, X. L., 12E122 Lin, Y. H., 12D67 Lin, Y. W., 12F323 Lin, Z. H., 12D139, 12F305 Lindberg, K. G., 12H252 Lindner, W., 12D6, 12G189 Lindon, J., 12G23 Lindon, J. C., 12A15, 12F72, 12F79, 12F111 Lindstrom, A. P., 12A7 Ling, Y. C., 12E75 Lingerfelt, B. M., 12B23, 12E109 Link, E., 12H20 Linke, R., 12E124 Linnik, P. N., 12H59 Lino, C., 12G155 Lioy, P., 12H44 Lis, A., 12G210 Lituania, M., 12F232 Liu, B. H., 12F210 Liu, C. P., 12D113 Liu, D. L., 12G244 Liu, D. M., 12F211 Liu, F., 12D115 Liu, G. G., 12E117, 12H124 Liu, J., 12A51, 12F3 Liu, J. F., 12E117, 12H124 Liu, J. H., 12H56 Liu, J. J., 12A68 Liu, J. Q., 12G246 Liu, J. S., 12F328 Liu, K. L., 12C20 Liu, K. Z., 12F318 Liu, L. F., 12G195 Liu, M. C., 12F209 Liu, P., 12D88, 12E58 Liu, R. T., 12F174 Liu, S. Q., 12D47, 12D71, 12F350 Liu, T., 12G195 Liu, W. C., 12H53 Liu, X. D., 12F195 Liu, X. M., 12H205 Liu, Y., 12F20, 12G209 Liu, Y. G., 12H296 Liu, Y. J., 12E38 Liu, Y. L., 12D137 Liu, Y. Q., 12B36, 12F127 Liu, Z., 12F205 Liu, Z. J., 12F371 Livache, T., 12F373 Lizuka, E., 12B52 Llompart, M., 12H321 Lloyd, L. L., 12F369 Lo. B., 12E75 Lo, C. K., 12G223 Lo, L. H., 12D45 Lobinski, R., 12G115, 12H257 Lobo-Castanon, M.-J., 12G38 Lockhart, S. J., 12G80 Loechel, C., 12A62 Logan, T., 12E115 Loghin, F., 12G66 Loiodice, F., 12B43 Long, S. E., 12H96 Long, Y. Q., 12D76 Longenecker, M., 12F9 Longo, R., 12C65 Loos, R., 12H114 Lopes, A., 12D111 Lopes, P. S., 12G59 Lopez, A. T., 12G163 Lopez, M. L., 12G218 Lopez, M. O., 12G124 Lopez, R., 12H366 Lopez Nicolas, J. M., 12H360 Lopez Periago, E., 12H92 Lopez-Cervantes, J., 12H246, 12H307 Lopez-Molinero, A., 12D70 Lopez-Penalver, J. J., 12H42

Loree, E. L., 12A50 Lorenzo, N., 12G22 Lorrain, A., 12H71 Lotrean, S., 12G173 Lott, P. F., 12E51 Lowe, C. R., 12A64, 12A66, 12D107 Lowry, J. P., 12F386 Loyo-Rosales, J. E., 12H20, 12H69, 12H298 Lu, C. T., 12H53 Lu, J., 12E12 Lu, J. Y., 12H32 Lu, M. H., 12H54 Lu. S. B., 12F28 Lu, S. F., 12G112 Lu. S. Y., 12E50 Lu, T. P., 12F210 Lu, Y. Q., 12F317 Lu, Z. H., 12F178, 12F355 Luaces, P., 12H312 Lubda, D., 12G153 Lucchesi, A., 12F281 Lucio, M., 12G54 Lucio do Lago, C., 12B51 Ludwig, M., 12D99, 12D100 Luecker, E., 12H279 Lueth, H., 12D46 Lugtenburg, J., 12F391 Luis, J. R., 12F361 Lun, W., 12F328 Lund, E., 12F102, 12F104 Lundanes, E., 12B45 Lunte, C. E., 12G168, 12G261 Luo, C. Y., 12F335 Luo, D., 12F222 Luo, H. P., 12G199 Luo, W. F., 12G201 Luong, T. T., 12F362 Lupi, A., 12F277 Luppi, B., 12G175 Luque de Castro, M. D., 12G176, 12H167, 12H170, 12H181, 12H280, 12H373 Luque-Garcia, J. L., 12H167, 12H181 Luther, G. W., III, 12H87 Lv, S., 12F30, 12F364 Ly, C., 12G121 Lynch, J. M., 12H319 Ma, D. L., 12F209 Ma, J. M., 12F30, 12F364 Ma, N. L., 12H29 Ma, S. W., 12G244 Mabbs, R., 12C13 Mabrouk, M. M., 12G100 Mabury, S. A., 12E88 Macchia, M., 12G220 MacDonald, S., 12H262 Macedo, T. R. A., 12G200 Macedo Costa, C. M., 12A73 Macek, J., 12G90 Macfarlane, R. D., 12F136 Machado Miranda, G., 12F73 Machold, C., 12F252 MacNeil, J. D., 12H292, 12H294 Madhusudanan, K. P., 12G15, 12G125 Madou, M. J., 12F377 Madrid, Y., 12C84 Madrid-Albarran, Y., 12H376 Maeda, M., 12F151 Maeda, T., 12A52, 12B12 Maeder, M., 12A24 Maekawa, M., 12F371 Maes, A., 12F398 Maes, L., 12G229 Maeyama, T., 12H79 Maffei, P., 12G46 Maftouh, M., 12G6 Magalhaes, C. G., 12F90

Mahn, A., 12F260 Maia, J. G. S., 12E98, 12G215 Maillart, E., 12F373 Mailley, P., 12F373 Maisonhaute, E., 12D12 Maj-Zurawska, M., 12D11 Majado Torre, M. E., 12A93 Majamaa-Voltti, K., 12F228 Majewska, U., 12F232 Majidi, V., 12D104 Majors, R. E., 12A45 Majumdar, A., 12F344 Makri, C., 12H119 Maksimovich, N. P., 12H58 Maksimovich, R. A., 12H58 Malawska, B., 12G139 Malcolm, E. G., 12H118 Maleki, R., 12G3 Malinovsky, D., 12E55 Mallavadhani, U. V., 12G207 Malon, A., 12D11 Maly, I. P., 12F237 Mamidi, R. N. V. S., 12D98, 12G251, 12G253 Manaka, A., 12A41, 12D66 Mandaji, M., 12H208 Mandal, R., 12G103 Mandiwana, K., 12H166 Mandrioli, R., 12F159, 12G85, 12G132 Manes, J., 12H350 Manfait, M., 12F342 Mangelings, D., 12G6 Manjula, A., 12H200 Mankotia, M., 12H346 Mann, J. L., 12H96 Mann, K. J., 12A92 Manohar, S. B., 12D13 Mansour, H. R., 12D73 Mant, C. T., 12F262, 12F264, 12F265, 12F267 Mantsch, H. H., 12F318 Mantzavinos, D., 12H112 Manz. A., 12A99 Mao, B., 12G232 Mao, J.-D., 12H147 Mapp, K. J., 12F369 Marce, R. M., 12H106 Marchante-Gayon, J. M., 12F46, 12H276 Marchei, E., 12G61, 12G70 Marchelli, R., 12F365 Marchese, S., 12H83 Marcus, K., 12F166, 12F167 Marcus, R. K., 12D90, 12F203 Marczak, E. D., 12H339 Mardones, C., 12H353 Marian, I. O., 12G173 Marin, A., 12H337 Marin, P., 12F98 Marin, R., 12H350 Marina, M. L., 12G190, 12H19 Marini, R. D., 12G75, 12G147 Marinkovic, V., 12G161 Marinkovic, V. D., 12G144 Marisa Almeida, C., 12D26 Mark, H., 12C9 Markides, K., 12E11 Markides, K. E., 12A95, 12B28 Markowicz, A., 12E41 Markuszewski, M. J., 12F392 Marongiu, B., 12G213 Marrero, J., 12H245 Marriott, G., 12F201 Marriott, P., 12B7 Marriott, P. J., 12E90, 12H236 Marshall, J., 12C23 Marshall, K. A., 12C30 Marshall, W. D., 12H188 Martelli, P., 12F109 Marti, J. I., 12A42 Martin, J., 12G1

Martin, J. D., 12H332 Martin, J. W., 12E88 Martin, L., 12G238 Martin, M. A., 12G238 Martin, R. R., 12H238 Martin Rubi, J. A., 12D68 Martinet, V., 12H287 Martinez, E., 12H321 Martinez, J., 12B65 Martinez, L., 12F361 Martinez, L. D., 12H93 Martinez, M. A., 12G89 Martinez Galera, M., 12H197 Martinez Vidal, J. L., 12D130, 12H30, 12H226 Martinez-Cacha, A., 12H360 Martinez-Castro, L. 12H278 Martinez-Lozano, C., 12G1, 12H203 Martinez-Romero, D., 12H336 Martoglio, B., 12F177 Maruyama, M., 12E7 Maruyama, T., 12D58 Marx, C., 12G185 Marx, G., 12H204 Marx, M., 12H334 Maser, J., 12F39 Masetto de Gaitani, C., 12G135 Masi, A. N., 12D60 Maskow, T., 12F4 Masotti, V., 12G217 Massart, D. L., 12B41, 12B59, 12G6, 12G75 Massolini, G., 12B43 Mastelie, J., 12G217 Masuda, K., 12F68 Masuda, M., 12F300 Masuiima, T., 12F351 Mata-Granados, J. M., 12G176 Matejicek, D., 12H355 Materazzi, S., 12H295 Mathe, L., 12G206 Mathiasson, L., 12A45 Mathieu, G., 12G75 Mathur, J. N., 12H152 Matisova, E., 12H202 Matoga, M., 12F101 Matoso, E., 12D28 Matousek, T., 12D21 Matsubara, I., 12A86 Matsubayashi, M., 12C96 Matsuda, K., 12F392 Matsuda, R., 12B3 Matsuda, Y., 12F76 Matsuguchi, M., 12D79 Matsumiya, M., 12A76 Matsumoto, A., 12E19 Matsumoto, N., 12D50 Matsumoto, S., 12F221 Matsunaga, A., 12D103 Matsunaga, H., 12G5 Matsuno, R., 12H91 Matsushita, M., 12H288 Mattoussi, H., 12B23 Maturana Riquelme, M., 12G83 Matusaki, K., 12E72 Matusiewicz, H., 12C18, 12H24 Maurer, H. H., 12G186, 12G187 Mauri, P., 12G234 Mauri, P. L., 12F57 Mauro, J. M., 12B23 Mauzeroll, J., 12C16 Maxwell, P., 12H299 Maysik, G., 12F319 Mazloum Ardakani, M., 12D37 Mazur, W., 12H357 Mazzeo, P., 12F75 Mazzuca, S., 12H212 McBrien, M., 12B27 McCann, J., 12E104 McCarthy, R., 12F196 McCauley, T. G., 12F175

McCreery, R. L., 12E10, 12F148 McCulloch, M. T., 12D43 McDevitt, J. T., 12F343 McDowall, R. D., 12C8 McEwen, C. N., 12F240 McGhie, T. K., 12F44 McIntosh, A. D., 12H301 McKemie, D., 12G31 McKeown, A. P., 12B33 McLeod, C. W., 12H233 McLoughlin, P., 12C49 McMahon, G., 12F312 McMillin, G. A., 12G93 Mechref, Y., 12F119 Mechtler, K., 12B22 Mecomber, J. S., 12F299 Medhekar, R., 12A49 Megginson, C., 12H301 Mehrotra, R., 12H270 Mehta, H. M., 12A66 Mehta, N. K., 12E6 Meija, J., 12H99, 12H365 Meisel, T., 12C73, 12E49, 12H23 Melchior, E., Jr., 12G78 Melling, P. J., 12E6 Mellon, J., 12E104 Melnick, B., 12E104 Mendichi, R., 12F126 Mendicuti, F., 12B16 Mendonca, J. K. A., 12F106 Mendoza, P., 12E64 Menendez, A., 12C74 Menendez, J. A., 12E74 Menendez, J. C., 12G238 Meng, F. Y., 12F196 Menk, R. H., 12C41, 12C64 Menke, E., 12D33 Menotti, L., 12A72 Menut, C., 12H217 Menyes, U., 12G158 Mermet, J. M., 12C21 Merrill, R. A., 12E77, 12E78 Mesquita, C. H., 12E33 Mesquita Silva da Veiga, M. A., 12H314 Messana, I., 12F99 Messina, A., 12C62 Mester, Z., 12F92, 12H290, 12H299 Metcalfe, C. D., 12H66 Meurer, E. C., 12E93, 12H40 Meyer, H. E., 12F165, 12F166, 12F167 Meyer, V. R., 12A34 Mezei, P., 12D23 Mi, H. F., 12F346 Miao, X. S., 12H66 Micali, N., 12G47 Miceli, N., 12H340 Michael, A. C., 12F40 Michalke, B., 12F48 Michaud, A. L., 12F137 Michaud, P., 12H211 Michetti, F., 12F232 Michler, J., 12C32 Miclea, M., 12A28, 12B20 Mie, M., 12F7 Miekeley, N., 12H164 Migeon, H.-N., 12C90 Miglioranza, K. S. B., 12H344 Mikes, O., 12H355 Mikkelsen, O., 12H138 Miksik, I., 12F225, 12F266 Mikulec, B., 12C63 Mikus, G., 12G185 Milea, D., 12F382 Milgram, S. L., 12F292 Milinsk, M. C., 12H288 Militao, J. S. L. T., 12H269 Militsopoulou, M., 12F131 Millay, J. T., 12C26, 12E82 Miller, K., 12F287

Magyar, K., 12G256

Miller, M. L., 12E79 Millet, M., 12H50 Millichip, M. I., 12F369 Millington, R. B., 12D107 Millot, J.-M., 12F342 Millot, M.-C., 12B31 Milman, B. L., 12D8 Milojkovic-Opensica, D. M., 12H268 Milos, M., 12G217 Milovanovic, L., 12G82 Milstien, S., 12F135 Milton, J. A., 12D61 Mimaki, T., 12H27 Minami, Y., 12H222 Minarik, M., 12F374 Minaveva, O. B., 12D85 Mincione, A., 12E99 Minh, N. H., 12H145 Minh, T. B., 12H145 Minh Tu, N. T., 12E100 Minoggio, M., 12G234 Minoia, C., 12F113 Miranda-Ordieres, A. J., 12G38 Miretsky, G. I., 12F104 Mirghani, R. A., 12G126 Mirhoseini, H., 12D37 Mirkin, M. V., 12F12 Mirza, M., 12G216 Mishima, K., 12C96 Miskiewicz, M., 12A6 Misra, P., 12A84 Misra, S. K., 12H152 Mistura, C. M., 12H125 Mitchell, C. R., 12B40 Mitchell, J. C., 12C30 Mitchum, J. A., 12H277 Mito, S., 12H80 Mitsuya, K., 12B5 Mittal, S., 12D19 Mitterhauser, M., 12G164 Mittnacht, S., 12F180 Mittoo, S., 12F301 Mitulovic, G., 12B22 Mit'kin, V. N., 12E68 Miyazawa, M., 12F393, 12G214 Mizaikoff, B., 12A33 Mizooku, Y., 12H254 Moebius, J., 12F167 Moens, L., 12D26, 12E102, 12G257 Moerman, R., 12A38 Moffat, C. F., 12H301 Mogensen, B. B., 12H161 Mogensen, K. B., 12A99 Mohammadi, D. E., 12D83 Mohimen, A., 12F197 Moio, L., 12H364 Mojski, M., 12E123 Mokrushin, A. A., 12F185 Molander, P., 12B45 Molendijk, A., 12F118 Moliner Martinez, Y., 12H61 Molins Legua, C., 12H61 Mollica, D., 12H313 Molloi, S., 12C15 Molto, J. C., 12H350 Molyneux, R. J., 12H222 Mondello, M. R., 12H340 Monirith, I., 12H145 Monk, D. J., 12A96 Monks, I., 12H7 Monperrus, M., 12F69, 12H157 Monser, L., 12G49 Montanucci, M., 12H323 Montaser, A., 12C4, 12D24 Monteny, F., 12H158 Montero, S., 12E8 Montes Bayon, M., 12H186 Montes-Bayon, M., 12F5, 12F172, 12F379, 12H99, 12H365

Montiel, E., 12C42 Montoya, E., 12E64 Montury, M., 12H50 Moody, D. E., 12G165 Moolchan, E. T., 12G255 Moore, C. M., 12G92 Moore, E. F., 12D62 Moore, G. A., 12G184 Moore, K. A., 12G57 Moorman, M., 12A89 Mora Diez, N., 12H226 Morabito, R., 12F66 Morais, S., 12G88 Morales Sanchez, M. C., 12H30 Moran, J., 12F1 Moravcova, D., 12B44 Morazzoni, P., 12G234 Moreadith, R., 12E95 Morel, A., 12G159 Morel, C., 12H113 Morelli, I., 12G220 Moreno, V. J., 12H344 Morgan, S. L., 12E78, 12E79 Mori, A., 12F161 Moridera, N., 12F190 Morilla, M. J., 12G124 Morillas, J., 12H360 Morin, G., 12H146 Morita, M., 12F82, 12H16 Morita, Y., 12F11 Moriya, T., 12D122 Moriya, Y., 12E7 Moroney, C., 12H285 Morrall, S. W., 12F100 Morrill, P. R., 12D107 Morriso, K., 12B60 Morrison, R., 12G247 Mort, J. S., 12F302 Mortelmans, L., 12G235 Moscone, D., 12A97 Moser, J., 12C73, 12E49, 12H23 Moser, M. A., 12D104 Moskvin, L. N., 12H136 Mostafa, G. A. E., 12H73 Mothershead, R. F., II, 12E79 Motomizu, S., 12E39 Mou, S. F., 12E38 Mouget, C., 12C14 Mousavi, M. F., 12G171 Moussa, F., 12D64 Mousty, C., 12D127 Moxom, J., 12H33 Moy, T. W., 12H104 Mroczek, T., 12G146 Mroczkowska, M., 12H24 Muehlbauer, W., 12H334 Mueller, D. R., 12F290 Mueller, E. I., 12H179 Muginova, S. V., 12F36 Muhilal, D. P., 12F391 Muino-Blanco, T., 12A42 Muir, D. C. G., 12E88, 12H286 Mulchandani, A., 12H84 Mulchandani, P., 12H84 Mulero, J., 12H360 Mulholland, M., 12G208 Muller, G., 12H211 Munch, D. J., 12H109 Munesue, M., 12B52 Munoz, R., 12H64 Murakami, A., 12F238 Murakami, A. E., 12H288 Murashashi, T., 12H13 Murayama, K., 12C59 Murayama, N., 12A76, 12A86 Murgasova, R., 12E81 Murillo, J., 12G70 Murillo, M., 12C42, 12C47 Murillo Pulgarin, J. A., 12H196 Murphy, B., 12C49 Musameh, M., 12F354 Musson, D. G., 12G152

Mutlow, A., 12G60 Mutus, B., 12F383 Nadia, N., 12H363 Naegele, E., 12F261 Naftel, S. J., 12H238 Nagamune, T., 12F68 Nagano, T., 12D49 Nagao, M., 12F82 Nagaoka, S., 12H27 Nagaosa, Y., 12B49 Nagels, L. J., 12G11 Nagulin, K. Y., 12H193 Naidong, W., 12G102 Naik, P. W., 12H152 Nair, A. G. C., 12D13 Nair, L. M., 12G230 Nakagama, T., 12A52, 12B12 Nakagawa, T., 12C88, 12F221 Nakahara, T., 12E19, 12H300, 12H370 Nakamichi, S., 12H38 Nakamoto, Y., 12E72 Nakamura, K., 12F192, 12F238, 12F253, 12F254 Nakamura, M., 12E9 Nakamura, S., 12F268 Nakamura, T., 12H11 Nakanishi, K., 12H91 Nakao, M., 12B17 Nakashima, K., 12D58 Nakata, N., 12F349 Nakata, S., 12E7 Nakatani, K., 12B2 Nakazato, T., 12H81 Nakazawa, H., 12H281 Namasivayam, V., 12F339 Namiesnik, J., 12D4, 12D5, 12H17 Nan, J., 12F24 Nan, Z., 12D77 Naozuka, J., 12H314 Narasaki, H., 12H82 Nascimento, J. R. O., 12H331 Nash, R. J., 12H222 Nassar, A.-E. F., 12G143 Nasser, A. L. M., 12H266 Nath, S., 12F183 Naulet, N., 12H71 Navarro, S., 12H337 Nawas, M. I., 12B15 Nawata, S., 12F238 Nayak, P. K., 12F105 Nazari, S., 12H95 Necina, R., 12F252 Nedeljkovic, J. M., 12G144 Negrusz, A., 12G20, 12G92 Neidhart, S., 12H334 Neikirk, D. P., 12F343 Nejem, R. M., 12F74 Nekrassova, O., 12F295 Nelis, T., 12C32 Nelsen, L. A., 12F366 Nemcova, I., 12D69 Nesbitt, R. W., 12D61 Neta. P., 12D8 Neubert, R., 12F138 Neubig, R. R., 12F200 Neuhold, Y.-M., 12A24 Neumann, C., 12F182 Neves, C. A., 12B51 New, A. P., 12H41 Newbold, R. R., 12G180 Newlon, N. F., 12H199 Ng, B. H., 12F154 Ng, K. M., 12H29 Ng. L. K., 12E107 Ng, T., 12G195 Ng, W. J., 12H149 Ngobeni, P., 12F89 Ngoh, M. A., 12H311 Ngooi, S. W., 12F207 Nguyen, H. L., 12H5

Nguyen, J. V., 12F63 Nguyen Van Dau, C., 12D120 Nham, T. T., 12C34 Nicacio Silveira, J., 12F73 Nicholls, G., 12F231 Nicholson, J., 12G23 Nicholson, J. K., 12A15, 12F72, 12F79, 12F111 Nicklas, J. A., 12F325 Nicolai, B. M., 12H338 Nicolau, D. P., 12G79 Nicoletta, G., 12F159 Niebuhr, M., 12C95 Niemann, J., 12F140 Niemax, K., 12A28, 12B20 Niessner, R., 12F220 Nieto, E. M., 12G69 Nightingale, C. H., 12G79 Nikitina, N. V., 12H58 Nikolajeff, F., 12E11 Nikolelis, D. P., 12A70 Nikolopoulos, E., 12H112 Nikov, G., 12F184 Nilsson, C., 12F116 Nilsson, G. S., 12H348 Nilsson, P.-O., 12H348 Nilsson, S., 12E11 Nilsson, U. L., 12F65, 12F107 Nims, R., 12G129 Ninomiya, T., 12F19 Nischwitz, V., 12F48 Nishi, K., 12F68 Nishibe, S., 12H357 Nishida, K., 12E9 Nishihara, M., 12H27 Nishioka, T., 12F392 Nishizawa, S., 12D74 Nistor, C., 12H76 Nitin, M., 12G125 Nitschke, F., 12H163 Niu, C. G., 12A79, 12G71, 12G123 Nobilis, M., 12G64 Noble, S. R., 12E56 Nobrega, J. A., 12H133 Nocerino, J. M., 12H8 Nohta, H., 12D105, 12F153 Nordby, K.-C., 12H47 Norris, A., 12G99 Norstrom, R. J., 12H286 Norton, S., 12F204 Nosek, J., 12H89 Noszal, B., 12B41 Novak, J., 12H216 Novotna, P., 12G17 Novotny, J. A., 12F390 Novotny, M. V., 12F119 Novovic, D., 12G161 Nowakowski, R., 12D138 Nowell, G. M., 12E56 Nozal, M. J., 12G69 Nsengyumva, C., 12G174 Ntelekos, A., 12H112 Nuhn, P., 12F138 Numa, F., 12F238 Nunes, B. R., 12F90 Nurmi, J., 12D25 Nurmi, T., 12H357 Nusser, M., 12F255 Nyholm, L., 12A95, 12B28, 12E11 Obata, F., 12F224 Oberacher, H., 12F321 Obniska, J., 12B65 Obst, U., 12F255 Ochoa, C., 12G68 Odland, J. O., 12F104 Odufu, A., 12E104 Oehlander, B., 12E55 Oestman, C., 12H51 Ogata, H., 12F238 Ogawa, E., 12E100

Ogawa, N., 12E7 Ogra, Y., 12F47 Oguma, K., 12B35 Ogunwande, I. A., 12E97 Oh, J. R., 12H184 Oh, S. H., 12F45 Oh, S. W., 12F83 Ohara, M., 12D16 Ohata, M., 12C70, 12H80 Ohata, N., 12D16 Ohde, S., 12E62, 12E63 Oheda, A., 12E19 Ohira, S.-I., 12A58 Ohkawa, H., 12F68 Ohmichi, M., 12F47 Ohmura, N., 12D50 Ohnishi, H., 12F351 Ohno, K., 12F150, 12F151 Ohno, S., 12H134 Ohno, T., 12D20 Oikawa, S., 12H79 Ojanpera, I., 12G32 Ok, J. H., 12G72, 12G250 Okabe, K., 12G43 Okada, Y., 12H244 Okamoto, A., 12D79 Okamoto, K., 12C96 Okubo, A., 12D119 Okuno, Y., 12G214 Olawore, N. O., 12E97 Oledzka, I., 12H302 Olguin, H. J., 12G163 Oliva, J., 12H337 Oliveira, C., 12H359 Oliveira, E. J., 12F384 Oliveira, I. B., 12E33 Oliveira, O. R., 12H52 Oliveira Sa, S. M., 12G44 Oliveira-Brett, A. M., 12G200 Olivera, P., 12E64 Olivieri, A. C., 12A32 Olivo, A., 12C65 Olsina, R. A., 12D60, 12H93 Olsovska, J., 12F285 Olsson, A. O., 12F63 Olsson, B.-M., 12G248 Olthuis, W., 12F125 Omodei, N., 12C3 Omura, H., 12B17 Onal, A., 12F315 Ong, K. G., 12D78 Ong, S. L., 12H149 Onishi, Y., 12E100 Onodera, J., 12H16 Oppermann, U., 12C46 Oppermann Santini, A., 12H266 Orinak, A., 12D109 Orr-Ewing, A. J., 12H38 Orska-Gawrys, J., 12E120 Orthen, A., 12C64 Ortiz Lastra, E., 12G154 Orwar, O., 12F13 Osan, J., 12H22 Oshima, M., 12E39 Oss Giacomelli, M. B., 12F90 Ostep, M., 12G146 Osterman-Golkar, S., 12H77 Ostrowski, S. G., 12F10 Othman, A. R., 12H326 Otsuka, K., 12F268, 12F392 Ott, M., 12F168 Ou, B. X., 12H362 Ouerdane, L., 12H257 Outola, I., 12H192 Overmars, H., 12F397 Owen, S. J., 12G156 Oyedeji, O. A., 12G212 Ozaki, Y., 12C59, 12C69, 12E92, 12F19 Ozawa, H., 12F244 Ozawa, T., 12F198 Ozdemir, F., 12H341

Ozer, N., 12G105 Ozkan, C. S., 12A87 Ozkan, S. A., 12G18 Ozkara, S., 12F280 O'Brien, S.-A. E., 12D24 O'Connor, B., 12F312 O'Hare, W. T., 12H306 O'Kennedy, R., 12G261 O'Neal, L., 12C55 O'Neill, R. D., 12A63 O'Shea, S., 12F114 O'Sullivan, C., 12A61 Paatero, P., 12A16 Paatsch, W., 12C25 Pacciani, L., 12C3 Pace, E., 12G136 Pachecka, J., 12F143 Pacheco, A. M. G., 12H237 Pacifici, R., 12G61, 12G70 Pagano, P., 12D112 Pagliuca, G., 12H313 Paiga, P., 12H65 Paisse, O., 12H303 Pala-Paul, J., 12E108 Palanco, S., 12E29 Paleologos, E. K., 12D106 Palfinger, C., 12A92 Pallaroni, L., 12H206 Palleschi, G., 12A97 Palma, J., 12H353 Palma, M., 12H231 Palma de Oliveira, D., 12F73 Palonen, S., 12D136 Pan, A. H., 12H242 Pan, L. K., 12G240 Pandey, A. K., 12G221 Pang, C. P., 12G167 Pang, D. W., 12F336 Pang, G. F., 12H294 Pani, S., 12C65 Panichev, N., 12H166 Pank, F., 12H216 Pantazaki, A., 12B31 Pantazopoulos, P., 12H346 Pantos, E., 12E118 Papachristodoulou, C., 12H168 Papp, I., 12G233 Pappas, R. S., 12F86, 12F91 Parak, W. J., 12F344 Pardo, F., 12H360 Paris, I., 12F75 Park, C. J., 12E21 Park, E. J., 12F38 Park, J., 12H184 Park, J. K., 12A90 Park, P. J., 12F128 Park, S. Y., 12G250 Parker, B. L., 12E54 Parker, C. E., 12F292 Parkes, A. M., 12H38 Parolini, C., 12F241 Parrilla Vazquez, P., 12D130 Parrish, R. R., 12E56 Parvathi, N., 12H200 Pascal-Lorber, S., 12H218 Paschal, D. C., 12F86, 12F91 Paseiro-Losada, P., 12H246. 12H247, 12H307 Pasquini, C., 12E70 Pastor, A., 12H320 Pastori, F., 12H83 Patel, S., 12D108 Pathania, D., 12D125 Patil, P. S., 12H235 Patterson, G. E., 12E93 Patyn, J., 12D86 Paul, H., 12F32 Paul, R. L., 12E12 Paulet, Y.-M., 12H71 Paulsson, B., 12F112

Pavlides, S., 12H168 Pavlikova, M., 12H329 Pavlogeorgatos, G., 12H119 Pavlov, V., 12F117 Pavlova, A., 12H150 Pawliszyn, J., 12F205 Pawlowski, M., 12B65 Payling, R., 12C32 Payne, R. J., 12H249 Pazos, M., 12H321 Pecchini, G., 12H190 Pedersen-Bjergaard, S., 12G86 Pejcic, B., 12H75 Pelaez, M. V., 12E27 Pellegrini, M., 12G61, 12G70 Peltola, O., 12F229 Pena, A., 12G155 Peng, W. C., 12F371 Peng, W. D., 12F363 Penner, R. M., 12D33 Pepich, B. V., 12H109 Pereira, I. M. F., 12H65 Pereira, R. C., 12G78 Pereiro, R., 12C74, 12D14, 12E24, 12E27 Perera, S. K., 12H296 Peres, C., 12H322 Perez, A. G., 12H312, 12H372 Perez, C. A., 12F62, 12H22 Perez, C. F., 12G163 Perez, G., 12D138 Perez, J. F., 12G163 Perez Arisnabarreta, S., 12A4 Perez Arisnabarreta, S. P., 12H245 Perez Arroyo, J., 12G192 Perez de Paz, P. L., 12E108 Perez Lamela, C., 12H247 Perez-Alarcon, E., 12G61 Perez-Alonso, M. J., 12E108 Perez-Corona, T., 12H376 Perez-Ruiz, T., 12G1, 12H203 Pergolizzi, S., 12H340 Periago, J. F., 12F98 Perret, D., 12H83 Perrin, C., 12B59 Perry, N. B., 12H375 Personne, J.-C., 12H146 Persson, B.-A., 12G248 Pesavento, M., 12D53 Pessenhofer, V., 12F243 Peter, A., 12D6 Peters, R. J. B., 12H25 Petersen, N. J., 12A99 Petrov. 1., 12H255 Petrovska-Jovanovi, S., 12H356 Petrucci, F., 12F67 Petsas, A., 12H119 Pettas, I. A., 12D87 Pettersson, A., 12E11 Pettersson, H., 12H262 Pettersson, K., 12F228, 12F229 Pettignano, A., 12F382 Peyrin, E., 12F276 Pezza, L., 12H266 Pfeifer, T. A., 12F181 Phan, C., 12D80 Philbert, M. A., 12F38 Pi, Z. X., 12H56 Pichini, S., 12G61, 12G70 Pickard, V., 12G35 Picon Zamora, D., 12H197 Picton, L., 12H211 Pietta, P., 12G234 Pietta, P. G., 12F57 Piggott, J. R., 12G210 Pihtsalmi, T., 12H160 Pijanowska, D., 12F125 Pillans, P. I., 12G26 Pinciroli, M., 12F247 Pineda, F. J., 12F9 Pinho, O., 12H322

Pinto, M. M. M., 12G225 Pinto, S. D., 12D112 Pinto, T. J. A., 12G74 Piraino, S. M., 12B24 Pires de Matos, A., 12E41 Pirnay, S., 12C87 Pirola, C., 12F67 Pirri, G., 12B57 Pis, J. J., 12E74 Pisano, R., 12G118 Piskin, E., 12F280 Pisonero, J., 12C74, 12C75, 12F24 Pistos, C., 12G33 Pitz, M., 12H49 Pizzolato, T. M., 12D111 Plaizier-Vercammen, J. A., 12G122 Planeta, J., 12B44 Platt, G., 12F180 Platt, M., 12D42 Platzner, I. T., 12D59 Plekhanov, A. Y., 12F185 Plumb, R., 12F18 Pobozy, E., 12D27 Pock, K., 12F291 Pocurull, E., 12H106 Podgornik, A., 12B4 Poeschl, U., 12F220 Pohl, P., 12C35 Poiana, M., 12E99 Poland, J., 12F242 Polec-Pawlak, K., 12E113, 12F123 Polo-Diez, L. M., 12H349 Poloyac, S. M., 12F141 Pomykalski, A., 12G146 Ponce de Leon, C. A., 12H186 Poole, C. F., 12B15 Poole, D. J., 12H137 Poole, S. K., 12D108 Popa, D., 12G66 Popova, V. A., 12H195 Popp, P., 12A44 Porcedda, S., 12G213 Porra, R., 12G95 Porras, S. P., 12D136 Portela, D. C., 12H65 Porter, C. E., 12D62 Porter, N. G., 12H375 Poss, M., 12E104 Postolache, C., 12F283 Potapov, S., 12C28 Potheau, R., 12C14 Pott, I., 12H334 Potts, P. J., 12C23 Pour, M., 12G64 Powell, C. L., 12H296 Power, R. F., 12H239 Pozo, O. J., 12H347 Prabhakaran, D., 12D56 Prabhu, E., 12A81 Prada, D., 12H328 Prado, C., 12F98 Prado, M. S. A., 12G74 Prameela, H. C., 12G188 Prange, A., 12F169, 12F216, 12F294, 12F367 Prasad, B. B., 12A98 Prasad, R., 12F218 Prasad, S., 12D44 Prasada Rao, T., 12H72 Prasher, S. O., 12H188 Prat, J., 12B63 Prazen, B. J., 12B10, 12B26 Preetha, C. R., 12H169 Preiss, R., 12F303, 12G111 Prelusky, D., 12G247 Premadas, A., 12E52 Prest, J. E., 12E94 Prest, M., 12C65 Preston, K. L., 12G56

Paykov, M., 12D75

Pavlickova, P., 12F32

Presutti, C., 12H329 Pretsch, E., 12D11 Pretzer, E., 12F239 Price, M., 12F333 Price, W. J., 12C36 Prigent, S. V. E., 12F248 Primel, E. G., 12H125 Prince, K., 12H75 Prinsen, C. F. M., 12F359 Prior, D. C., 12F199 Prior, R. L., 12H362 Pritzkow, W., 12C85 Prodelalova, J., 12F25 Proefrock, D., 12F169, 12F294, 12F367 Prognon, P., 12G77 Prohaska, T., 12D25 Prosek, M., 12H260 Prost, F., 12G94, 12G134 Prudente, M. S., 12H145 Przyjazny, A., 12D4 Przyk, E., 12D4, 12D5 Psillakis, E., 12H112 Ptacek, P., 12G90 Pu, Q. S., 12D88, 12E58 Pucci, V., 12G85, 12G132 Puettmann, W., 12H120 Puig, C., 12G61, 12G70 Pupo, E., 12F120 Puri, S. C., 12G227 Pusino, A., 12H223 Puxty, G., 12A24 Pyka, A., 12F144 Pyo, D. J., 12F83 Qazi, G. N., 12G227 Qian, T. X., 12G249 Qian, W. J., 12F357 Qin, F., 12B36, 12F127 Qin, J. H., 12F375 Qin, Q. P., 12F229 Qin, W., 12D11 Qin, Y., 12D11 Qin, Y. C., 12E65 Qin, Z., 12H54 Qiu, F., 12A76 Quake, S. R., 12A51 Quax, W. J., 12D123 Queiroz, M. E. C., 12G260 Queiroz, R. H. C., 12G78 Quesada, J. M., 12G176 Quetel, C. R., 12H255 Quiles-Zafra, R., 12H280 Ovarnstrom, J., 12F70 Raab, A., 12F87 Rabe, S., 12H267 Rabenstein, D. L., 12F186 Rabesona, H., 12H287 Raczek, I., 12E47 Radu, A., 12D11 Rafool, W., 12E45 Raggi, M. A., 12F159, 12G85, 12G132 Raghani, A. R., 12G13 Raghavan, N., 12G230 Raimundo, I. M., Jr., 12E70 Raith, K., 12F138 Rajabi, M., 12D73 Rajanikanth, M., 12G15, 12G125 Raje, M., 12F170 Raju, D. N., 12H200 Raju, P. V. K., 12A9 Ralainirina, R., 12H211 Ramaswami, A., 12D17 Ramcharitar, V., 12G57 Ramesh, M., 12G253 Ramjan, S. F. R., 12F109 Ramon, R., 12H140 Ramos, A. A., 12E63 Ramos, A. Y., 12F62 Ramos, L., 12H324 Ramos, M., 12H264

Ramsey, C. A., 12H8

Ramsey, J. D., 12F189 Ramsey, J. M., 12C17, 12F189, 12H33 Randa, Z., 12E60 Rao, B. V., 12A9, 12H200 Rao, G., 12D41 Rao, P. N., 12H200 Rao, R. N., 12A9, 12H200 Rao, T. N., 12F356 Rao, T. P., 12H169 Rapko, B. M., 12H142 Rapp, E., 12D95 Rashan, J., 12G8 Rathahao, E., 12H218 Rathore, A. S., 12B33 Rattner, B. A., 12H298 Rautray, T. R., 12F105 Ravel, A., 12F276 Ravi Shankaran, D., 12F34 Rawa-Adkonis, M., 12H17 Rayas-Duarte, P., 12H277 Raymond, D. E., 12F377 Rbeida, O., 12G153, 12G181 Reale, S., 12F161 Ream, P. J., 12F194 Reamer, R. A., 12D139 Reboucas, M. V., 12E73 Rechberger, G. N., 12F155 Reddersen, K., 12H108 Reddy, A. V. R., 12D13 Reddy, C. M., 12H174 Reddy, G. N., 12H200 Redigolo Pezza, H., 12H266 Redmond, W. A., 12H375 Redwanz, I., 12F250 Reepmeyer, J. C., 12G75 Reese, C. E., 12D63 Reese, H., 12F377 Reese, J. M., 12A35 Reeves, R., 12F234 Rehak, P., 12C41 Reichert, D., 12C48 Reichmuth, A., 12A13 Reid, G. D., 12C91 Reid, J., 12H292 Reilly, P. T. A., 12H33 Reinard, T., 12F273 Reis, M. A., 12H52, 12H237 Reis, S., 12G54 Remeteiova, D., 12C44 Remon, J. P., 12G50 Ren, C. Y., 12H128 Ren, J. M., 12C24, 12H45 Renna, E., 12H190 Resano, M., 12E102 Resemann, A., 12C66 Restuccia, D., 12H305 Reta, M., 12G68 Reuvers, T., 12H264 Revanasiddappa, H. D., 12H3 Reverte, S., 12H106 Reyes Andres, J., 12D68 Reza Ganjali, M., 12D48, 12H283 Reza Pourjavid, M., 12H283 Rezapour, M., 12H283 Rial Otero, R., 12H92 Ricci, F., 12A97 Rice, C. P., 12H20, 12H69, 12H298 Richard, P., 12A13 Richards, J., 12F180 Richards, M., 12F231 Richarz, A.-N., 12F43, 12F216 Ricordel, I., 12C87 Ridge, D., 12H87 Ridgway, T. H., 12A96 Riebe, G., 12C85 Riechers, D. M., 12B14 Riekkola, M.-L., 12D136, 12F381, 12H28, 12H160

Riepl, M., 12F32

Riethmuller, D., 12F101 Rieutord, A., 12G77 Righetti, P. G., 12F241, 12F286 Riis, V., 12F4 Rinehart, D. E., 12H142 Riou, J.-F., 12F342 Ripko, A. P., 12H58 Riter, K. L., 12H241 Riter, L. S., 12E93, 12H40 Rittich, B., 12F25, 12F368 Rius, F. X., 12H197 Rivas, F., 12H372 Rivero, R. C., 12H332 Rivier, L., 12G29 Rizvi, S. A. A., 12B62 Robbins, D. K., 12D133 Roberts, N. J., 12C97 Roberts, S. L. L., 12F15 Robinson, C. V., 12F206 Robinson, S., 12H87 Robouch, P., 12E32 Roddy, E. S., 12F333 Roddy, T. P., 12F10 Rodinkov, O. V., 12H136 Rodriguez, B., 12D10 Rodriguez, J., 12G107 Rodriguez, M., 12G68 Rodriguez, M. D., 12F343 Rodriguez, N., 12G117 Rodriguez Flores, J., 12G117 Rodriguez Gonzalez, P., 12H157 Rodriguez-Cuesta, M. J., 12H197 Rodriquez, E. M. R., 12H332 Rodriquez Martin-Doimeadios, R. C., 12F69 Rodushkin, I., 12E55 Roets, E., 12B41, 12G73, 12G76, 12G229 Rogalewicz, F., 12C87 Rogerieux, O., 12C32 Rogers, M. S., 12G167 Roget, A., 12F373 Rogriguez, J., 12G108 Rohrig, T. P., 12G258 Rohwedder, J. J. R., 12E70 Rojas, D., 12F361 Roldan, P. S., 12E116 Roman, L. J., 12F306 Romero, C. D., 12H332 Romero, E. L., 12G124 Ronchi, C., 12G46 Roos, P., 12F212 Root, P., 12F383 Roper, M. G., 12F149 Rose, S., 12G22 Rosen, G. M., 12F306 Rosier, J., 12G229 Roskar, R., 12G62 Rosmini, R., 12H313 Ross, A. R. S., 12H228 Ross, P. R., 12H243 Rossbach, M., 12A3 Rossetti, D. V., 12F99 Rossi, A., 12F277 Rossi, D. T., 12G14 Rossoni, G., 12G234 Rostagno, M. A., 12H231 Rotariu, L., 12D118 Rotenberg, S. A., 12F12 Roth, U., 12G158 Rouits, E., 12G159 Rovai, M., 12H318 Roveri, N., 12H190 Rowell, F. J., 12E91, 12H306 Roy, K., 12D17 Roy, S., 12F204, 12G77 Royal, M., 12E95 Rozan, T. F., 12H87 Rozhkov, R., 12G209 Rozhkov, R. V., 12B40 Ruban, V., 12H187 Ruberu, S. R., 12H296

Rubio, M. A., 12H275 Rubio-Barroso, S., 12H349 Rubiolo, P., 12B16 Ruck, W., 12F294 Ruckenstein, E., 12F278 Rudaz, S., 12B63, 12G99 Rudek, M. A., 12F56 Rudenko, B. A., 12G16 Rudolph, M., 12F1 Rudzinska, E., 12D121 Ruehle, G., 12H204 Ruers, T. J. M., 12F359 Ruggieri, F., 12F75 Ruiz, J., 12E26 Ruiz del Castillo, M. L., 12H227 Ruiz Encinar, J., 12H157, 12H257 Ruiz-Angel, M. J., 12G142 Ruppert, T., 12F250 Rusconi, L., 12F163 Rusling, J. F., 12F341 Rustemeier, K., 12H154 Rutan, S., 12F310 Ruzgas, T., 12A56, 12F309 Ruzicka, J., 12F152, 12F222 Ryabchevskikh, Y. V., 12H31 Ryan, D., 12B7 Rybak, M. E., 12C24 Rychen, G., 12H176 Rychlik, M., 12H258 Rychlovsky, P., 12D69 Ryckaert, C. P. M. C. A., 12G88 Rydberg, P., 12F112 Ryu, C. K., 12H137 Saadeh, S. M., 12D35 Sabarudin, A., 12E39 Sabatini, A., 12D114 Sabbioni, C., 12F159 Sachs, H., 12G27 Sacks, R., 12B8 Saczk, A. A., 12E116 Sadakane, Y., 12G5 Sadaoka, Y., 12A91 Sadik, O. A., 12H18 Sadowski, M. A., 12F63 Sadygov, R. G., 12F191 Sahini, V. E., 12F283 Sahu, G., 12G207 Saiki, H., 12D50 Saino, T., 12H35 Saint, A., 12C82 Saito, M., 12F190 Sakai, S., 12H145 Sakai, T., 12H134 Sakai, Y., 12D79 Sakamoto, K., 12F68 Sakamoto, M., 12A91 Sakata, K., 12C70 Sakkas, V. A., 12H180 Sakuma, N., 12E20 Sakurai, T., 12H27 Salama, A. A. K., 12H318 Salavati-Niasari, M., 12D37, 12D73, 12H283 Saleh, M. B., 12A75, 12D34 Salehi, A., 12A80 Salin, E. D., 12C24, 12D22, 12H45 Salinas-Castillo, A., 12G137 Salonia, J. A., 12H93 Samizo, S., 12B52 Sammartano, S., 12F382 San Roman, J., 12F271 Sanbe, H., 12G151 Sanborn, M., 12H289 Sanchez, H. J., 12F62 Sanchez de la Torre, C., 12G89 Sanchez Lopez, F. J., 12H226 Sanchez Misiego, A., 12A93 Sanchez-Machado, D. I., 12H246, 12H307 Sanchez-Moreno, C., 12H362

Sanchez-Pedreno, C., 12G162 Sancho, J. V., 12H347 Sand, P. J., 12G230 Sandanger, T. M., 12F102, 12F104 Sandaradura, S., 12F103 Sandra, P., 12G34 Sandulescu, R., 12G173 Sankar, C. G., 12F335 Sano, K., 12G106 Sano, T., 12A94 Sanov, A., 12C13 Santa, T., 12F150, 12F151, 12G43 Santa-Maria, G., 12H227 Santee, K., 12E51 Santo, M., 12G68 Santoro, M. I. R. M., 12G74 Santos, F. J., 12H46 Santos, J. L. M., 12G44 Santos Junior, D., 12F52 Santos-Delgado, M. J., 12H349 Santoyo, E., 12D9 Sanudo-Wilhelmy, S. A., 12F39 Sanusi, A., 12H50 Sanz, A., 12H203 Sanz, C., 12H312 Sanz, J., 12E108, 12H278 Sanz, R., 12D70 Sanz-Medel, A., 12C74, 12C75. 12D14, 12E24, 12E27, 12F5, 12F46, 12F49, 12F172, 12H157, 12H276 Sanz-Nebot, V., 12F147 Sapelnikova, S., 12A56 Sarada, B. V., 12F356 Saragiotto Colpini, L. M., 12A73 Sarkar, K., 12F377 Sarma, V. V. S. S., 12H35 Sarna, K., 12G237 Sasaki, H., 12F253, 12F254 Sasaki, K., 12D50 Sasic, S., 12C69, 12E92 Sasikumar, K., 12H145 Satake, K., 12G106, 12H233 Satija, S. K., 12E34 Sato, H., 12C69, 12D18, 12E92, 12H16 Sato, J., 12G133 Sato, K., 12G28, 12G133 Sato, M., 12F198 Sato, N., 12F230 Satou, N., 12G254 Satozono, H., 12D105 Saurina, J., 12A36 Savage, P. B., 12E115 Savoye, N., 12H71 Savvaidis, I. N., 12D106 Sawada, S., 12G106 Sawamura, M., 12E100 Sawyer, M., 12G42 Scali, M., 12H212 Scampavia, L., 12F152, 12F222 Scancar, J., 12F69 Schadendorf, D., 12F242 Schaeberle, M. D., 12C51 Schaefer, H., 12F166 Schaefer, K.-H., 12H154 Schaeferling, M., 12F32 Schaeper, J. P., 12F366 Schaldach, G., 12C33 Schappacher, G., 12A14 Schaumloeffel, D., 12F78, 12F216, 12F294 Schefer, A. B., 12D95 Schefer, R. R., 12B67 Schelkens, M., 12H282 Schelling, C., 12G99 Schenk, T., 12F118 Schepens, P., 12H26, 12H117

Schieferecke, M. A., 12G168 Schilling, G. D., 12C80 Schins, R. P. F., 12H49 Schirmer, K., 12H171 Schlegl, R., 12F252 Schleicher, E., 12F275 Schluecker, S., 12C51 Schmaljohann, J., 12G164 Schmid, M. G., 12F243, 12G172 Schmidt, P. C., 12G141 Schmidt-Rohr, K., 12H147 Schmitz-Afonso, L., 12H20, 12H69, 12H298 Schnabel, P., 12D33 Schneider, M. J., 12H293 Schneider, T., 12G102 Schnoell-Bitai, L., 12B32 Schnoelzer, M., 12F168, 12F242 Schoening, M. J., 12D46 Scholefield, D., 12A65 Schram, J., 12C46 Schreiner, M., 12E124 Schroder, K. H., 12H138 Schroeder, E. D., 12H88 Schroeder, W. H., 12H32 Schuerenberg, M., 12C66 Schuhmacher, J., 12G35 Schuhmann, W., 12F37 Schumacher, D. D., 12B40 Schuppe-Koistinen, I., 12F14 Schurig, V., 12D102 Schwab, M., 12G185 Schwab, W., 12F23 Schwartz, S. J., 12H272 Schweda, E. K. H., 12F120 Schwedhelm, E., 12F140 Schwend, T., 12F250 Scott, P. M., 12H346 Scott, S. M., 12H306 Scriba, G. K. E., 12G19 Scrutton, N. S., 12A62 Sebille, B., 12B31 Segal, I., 12D59 Segura, M., 12C84 Segura Carretero, A., 12G137 Seilles, E., 12F101 Sekulic, S., 12G8 Seliskar, C. J., 12A96 Sen, D., 12F335 Sendon Garcia, R., 12H247 Seno, H., 12G55, 12G133 Senofonte, O., 12F67 Sensi, E., 12H212 Sentellas, S., 12A36 Sentenac, S., 12G128 Sepulveda, C., 12H353 Serdaru, M., 12H240 Serra, G., 12F232 Serrano, M., 12H336 Serrazanetti, G. P., 12H313 Sethi, R. S., 12A66 Seto, Y., 12F130 Sevcik, J., 12G209 Sevick-Muraca, E. M., 12C52 Sevillano Cabeza, A., 12H61 Sforza, S., 12F365 Sgueglia, J. B., 12F327 Shackman, J. G., 12F149 Shahidi, F., 12H345 Shahmir, F., 12G216 Shakaff, A. Y. M., 12H326 Shaler, T. A., 12F204 Shallcross, D. E., 12H38 Shalliker, R. A., 12D97 Shames, D. M., 12F84 Shams, E., 12D15 Shamsi, S. A., 12B62 Shamsipur, M., 12G171 Shan, D., 12D127 Shan, X. Q., 12H189, 12H207 Shang, T. Q., 12F240 Shao, X. G., 12C60

Shao, X. X., 12F287 Shao, Y. H., 12D1 Shapiro, A. D., 12H209 Shapses, S., 12F51 Sharifi, V. N., 12H137 Sharma, R. K., 12D19 Sharp, B. L., 12C33 Shaw, I. C., 12F157 Shaw, R. A., 12F318 Sheen, D. M., 12H139 Shekhovtsova, T. N., 12F36 Shellie, R. A., 12E90, 12H236 Shen, G. L., 12A79, 12D129, 12G71, 12G97, 12G123, 12H205 Shen, H. X., 12F346 Shen, J., 12E65 Shenherd, N. J., 12H301 Sherbatskoy, T. D., 12H118 Sherburn, A., 12D42 Sherrell, R. M., 12F51 Shet. A., 12F42 Sheu, S. J., 12G243 Shevchenko, A. M., 12H327 Shi, C. O., 12F28 Shi, T. M., 12H49 Shi, X. Y., 12B13 Shi, X. Z., 12F30, 12F364 Shibamoto, T., 12E96 Shibasaki, H., 12F156 Shibata, A., 12B12 Shibukawa, A., 12F221 Shibukawa, M., 12B35 Shibusawa, Y., 12F272 Shieh, C. H. P., 12F287 Shieh, M. H., 12G193 Shih, B. Y., 12H219 Shikakume, K., 12D18 Shikhaliev, P. M., 12C15 Shimada, T., 12F393 Shimizu, M., 12F272 Shimoda, K., 12A94 Shimokawa, K., 12F76 Shimosaka, T., 12E15 Shimoyama, M., 12F19 Shimoyama, T., 12F270 Shin, N. S., 12E35 Shin, S. H., 12H151 Shin, W., 12A76, 12A86 Shin, Y. G., 12G120 Shindo, H., 12F272 Shingaki, T., 12F351 Shoda, T., 12D49 Shoji, R., 12H194 Shoji, Y., 12G133 Shotyk, W., 12H224 Shukla, R. K., 12A84 Shupe, M. A., 12F366 Shya, T. J., 12H326 Sibum, M., 12G119 Sicha, J., 12G157 Siciliano, P., 12A82 Sickmann, A., 12F166 Siddigi, Z. M., 12D125 Siegel, H., 12C31 Siegmund, O. H. W., 12A74 Siesler, H. W., 12H270 Sil, M. H., 12E44 Silber, J. J., 12G68 Silbernagel, K. M., 12H252 Silva, A. C. B., 12A39 Silva, I., 12F1 Silva, M. M., 12H208 Silva da Veiga, M. A. M., 12F88 Silva Ferreira, A. C., 12H359 Silveira, M. I. N., 12G155 Sim, M. Y. M., 12H326 Simal Gandara, J., 12H92 Simal-Lozano, J., 12H246, 12H307 Simiao de Souza, S., 12F52 Simo, C., 12H248

Simonetti, P., 12F57 Simonis, A., 12D46 Simons. D. S., 12E12 Simpson, P. J., 12H243 Sims, C. E., 12F8 Simsek, A., 12H333 Singh, A. K., 12B53, 12D29, 12D36, 12H70 Singh, K. V., 12F170 Singh, L. P., 12H155 Singh, R., 12D36 Singh, R. S., 12G219 Singh, V., 12H107 Sinha, P., 12F242 Sinibaldi, M., 12B64, 12C62, 12F285 Sipiera, D., 12D70 Siren, H., 12F381 Sirirattanachai, S., 12E63 Sitton, A., 12G172 Skalnikova, M., 12F368 Skaugset, N. P., 12H47 Skinner, C. D., 12D22, 12F212 Skinner, W., 12G31, 12H238 Skladal, P., 12A56, 12H198 Skogsberg, U., 12G158 Skogvold, S. M., 12H138 Skroce, A., 12C82 Skuland, I. L., 12B39, 12F132 Slama, I., 12F276 Slijkhuis, C., 12G12 Slobodnik, J., 12H202 Slonecker, P. J., 12D97 Sloth, J. J., 12H291 Slow, S., 12H249 Slyadnev, M., 12C28 Small, G. W., 12F121 Smallidge, R. L., 12H241 Smeds, A., 12F54 Smet, E., 12G50 Smeyers-Verbeke, J., 12G75, 12G174 Smichowski, P., 12A4, 12H245 Smid, P., 12C1 Smilde, A. K., 12A31 Smit, G., 12F389 Smith, A. C., 12G120 Smith, C. M. M., 12C36 Smith, J. J. L., 12H90 Smith, K. D., 12F313 Smith, P. A., 12E115 Smith, R. D., 12F199 Smittenberg, R. H., 12H172 Smolinski, A., 12H9 Smolko, D., 12F377 Smoluch, M., 12B22 Smyth, M. R., 12G261 Smyth, W. F., 12G24 Snejdarkova, M., 12A70 Snell, J., 12H178 Snidvongs, A., 12E63 Sniegoski, L. T., 12G21 Snyder, B., 12F148 Snyders, R., 12E25 Sobek, J., 12F27 Soczewinski, E., 12H201 Soerensen, L. K., 12H316 Soffitta, P., 12C3 Sohrabnezhad, S., 12G171 Sok, D. E., 12F45 Sokoliess, T., 12G158 Sokolov, A. I., 12G16 Soledad Garcia, M., 12G162 Solich, P., 12G157 Solna, R., 12A56 Soltes, L., 12F126 Son, U.S., 12E100 Song, G. X., 12G205 Song, L. F., 12H149 Song, M. D., 12H102 Song, S., 12E21 Song, S. J., 12H79

Scherer, K., 12F316

Schieber, A., 12H342

Song, W., 12G58 Song, Z. H., 12G223, 12G245 Sonoda, J., 12D105 Soptrajanov, B., 12F16 Sorenson, W. R., 12G191, 12G194 Soria, A. C., 12H278 Soriano, J. M., 12H350 Sorokina, E. Y., 12G16 Soros, C., 12D81, 12F66 Sossi, V., 12F160 Soukal, L., 12E60 Souto Martinez, A., 12G135 Souverain, S., 12G99 Spadafora, A., 12H212 Spain, S. M., 12F186 Spandre, G., 12C3 Spanova, A., 12F25, 12F368 Spence, D. M., 12F22 Spencer, S. A., 12F394 Spiegel, S., 12F135 Spiridon, S., 12E61 Spitzer, M., 12G185 Spraul, M., 12H361 Springer, D., 12G186, 12G187 Sprung, R. J., 12F22 Squires, T. M., 12H228 Sreekanth, M., 12H200 Srinivas, N. R., 12D98, 12G251, 12G253 Srisawang, B., 12F320 Srivastava, S. K., 12H213, 12H215 Stabbert, R., 12H154 Stacpoole, P. W., 12H68 Stadnik, D., 12F124 Stafilov, T., 12G150 Stalikas, C. D., 12H6 Stallard, W. M., 12H88 Stamoulis, K., 12H168 Stanek, V., 12E114 Stanley, B. J., 12B37 Stanley, S. D., 12G31 Stanton, C., 12H243 Stanton, M., 12F175 Starczynowski, D. T., 12F380 Stasinakis, A., 12H119 Steele, R. T., 12H142 Steers, E., 12E4 Steers, E. B. M., 12C1, 12C25 Stefan, R.-I., 12F74, 12F399, 12G169 Stefanka, Z., 12D81, 12F53 Stefanova, V., 12C86 Stefov, V., 12F16 Stefova, M., 12G150 Steinke, I., 12H37 Steinmacher, I., 12B22 Stenberg, A., 12E55 Stenken, J. A., 12A40 Stephens, N. V., 12G230 Steppe, M., 12G74 Sterbova, D., 12H355 Sterling, A., 12F206 Stetzenbach, K. J., 12H70 Stevenson, A. C., 12A64, 12A66 Stewart, A., 12F163 Stewart, J. T., 12G33 Stingeder, G., 12D25, 12F50 Stoiber, H., 12F316 Stoll, B., 12E47 Stone, C. G., 12F208 Stoodley, R., 12E14 Stout, P. R., 12G255 Stradiotto, N. R., 12E116 Strancar, A., 12B4 Stratis, J. A., 12H94 Streel, B., 12G63 Streich, R., 12H330 Streli, C., 12C23 Strittmatter, E. F., 12F199

Strobbe, L. J. A., 12F359

Strong, M. J., 12G92 Strueder, L., 12C41 Strumcova, S., 12F25 Stumpf, C., 12F18 Stuppner, H., 12G241 Sturgeon, R. E., 12D21, 12F92, 12H157, 12H290, 12H299 Sturini, M., 12D53 Sturm, S., 12G241 Su, B. Y., 12F347 Su, Q. D., 12C60 Su, Z. X., 12D88, 12E58 Subramanian, A., 12H145 Subramanian, M. S., 12D56 Such, X., 12H318 Suchocka, Z., 12F143 Suchocki, P., 12F142, 12F143 Suchy, M.-T., 12F140 Sucikova, J., 12F25 Suckau, D., 12C66 Sudarshan, K., 12D13 Sueli Bonato, P., 12G135 Sueoka, K., 12F238 Sugawara, M., 12F190 Sugie, A., 12F393 Sugiyama, N., 12C70 Sui, S. F., 12F358 Sui, Y., 12G242 Suljak, S. W., 12F194 Sumida, T., 12H81 Suminami, Y., 12F238 Sun, B. W., 12B29 Sun, C. X., 12F174 Sun, J., 12F59 Sun, P., 12D1 Sun, Q. Y., 12E58 Sun, S. N., 12F347 Sun, S. W., 12G236 Sun, X. L., 12A85 Sun, X. M., 12F28 Sun, Y., 12F269, 12G242 Sun, Y. C., 12C40 Sun, Y. G., 12D39 Sun, Y. K., 12F391 Sun, Y. X., 12F249 Sun, Z. J., 12F317 Sunahara, R. K., 12F200 Sundstrom, L., 12F259 Sundstrom, L. E., 12F301 Sung, Y., 12C77 Sung, Y. H., 12H110 Sunseri, J. D., 12B38 Sunu, S. S., 12A81 Suomi, J., 12F381 Suprunovich, S., 12C28 Surber, E., 12C13 Surdacki, A., 12F140 Suri, C. R., 12F170 Suri, O. P., 12F108, 12G227 Surowiec, I., 12E120 Suteu, C., 12C6 Sutton, K., 12C36 Sutton, P., 12D92 Sutton, P. G., 12A65 Suzuki, A., 12F156 Suzuki, H., 12A41 Suzuki, K., 12D49, 12F268 Suzuki, K. T., 12F47 Suzuki, N., 12H16 Suzuki, O., 12G28, 12G55 Suzuki, S., 12A77, 12F150, 12F151, 12H244 Suzuki, T., 12F253 Suzuto, M., 12F351 Svedberg, M., 12E11 Svoboda, Z., 12G64 Svobodova, L., 12A70 Swanson, P., 12F377 Sweeney, A. P., 12D97 Swift, A., 12E115 Swinney, K. A., 12A5

Swistowski, A., 12F164

Switai, A., 12D5 Switaj-Zawadka, A., 12D4 Swithenbank, J., 12H137 Syamasundar, K. V., 12H213, 12H215 Sybilska, D., 12A6, 12D138 Synovec, R. E., 12B10, 12B26 Syriopoulou, V., 12F338 Szabelski, P., 12F195 Szabo, B., 12H234 Szczygelska-Tao, J., 12D4, 12D5 Szenthe, A., 12F250 Szentmihalyi, K., 12G233 Szoke, E., 12G233 Szoko, E., 12G256 Szostek, B., 12E120 Szpunar, J., 12H257 Szumski, M., 12F31 Szwarc, H., 12D64 Tabi, T., 12G256 Tabuchi, M., 12F192 Tachibana, M., 12F123 Tachibana, Y., 12F268 Taglioli, V., 12G241 Tagziria, H., 12C97 Taha, E. A., 12G84 Tai, S., 12G21 Takafuji, M., 12H27 Takagai, Y., 12D89 Takahashi, M., 12F288 Takano, C. Y., 12G59 Takatsu, A., 12H157 Takayama, N., 12G183 Takeda, H., 12F288 Takegami, H., 12H281 Takeuchi, T., 12H194 Takimoto, Y., 12H343 Takino, M., 12H300, 12H370 Tamisier-Karolak, S., 12D64 Tamiya, E., 12F11 Tan, A. C. I. T. L., 12F359 Tan, H. W., 12A17 Tan, L. A., 12F348 Tan, O. K., 12D124 Tan, W. T., 12F207 Tana, T. S., 12H145 Tanabe, S., 12G106, 12H145 Tanaka, K., 12F296 Tanaka, N., 12B21 Tanaka, S., 12G183 Tang, H. W., 12G113 Tang, K. Q., 12F199 Tang, W. Z., 12F360 Tang. Z. J., 12F360 Tang, Z. M., 12F178 Tani, H., 12F349 Tani, K., 12F123 Tani, Y., 12A67 Tanigawa, M., 12A94 Tannenbaum, S. R., 12F184 Tanuma, S., 12E9 Tanyanyiwa, J., 12D3 Tao, H., 12H81 Tapan, I., 12C94 Tappin, A. D., 12H74 Tarantov, Y. A., 12A55 Tarohda, T., 12F58 Tarus, J., 12B60 Tasoz, A., 12B18 Tatsumoto, N., 12A94 Tauler, R., 12F345 Tavares, M. F. M., 12G74 Taveira, F. S. N., 12G215 Taviano, M. F., 12H340 Tawarada, K., 12D50 Taylor, G. K., 12F196 Taylor, J. H., III, 12E77, 12E78 Taylor, L. T., 12H165 Taylor, P. J., 12G26 Taylor, R. N., 12D61 Tedeschi, T., 12F365 Teixeira, A. C. M., 12A39

Teixeira, C., 12G103 Teixeira, M., 12G225 Telmer, K., 12H289 Temerk, Y. M., 12F385 Temkin, H., 12B1 Temporini, C., 12B43 Tenforde, S., 12H142 Tengvall, U., 12F372 Terabe, S., 12D128, 12F268, 12F392 Teramae, N., 12D74 Teresa, R. M., 12H363 TerHune, T., 12H311 Terreros, M. C., 12F361 Terunuma, M., 12D66 Terwinghe, C., 12G235 Tesarova, E., 12G209 Tesche, F., 12G35 Tesfalidet, S., 12H178 Teshima, N., 12H134 Tesic, Z. L., 12H268 Tessier, D., 12D120 Tett, S. E., 12G26 Tew, D. G., 12D10 Thaler, F., 12F163 Thangamuthu, R., 12D137 Thangavel, S., 12E17 Thanos, S., 12F37 Theaker, B. J., 12E91 Theocharis, A. D., 12F226 Thiele, H., 12F165 Thieme, D., 12G27 Thoma, R., 12H20 Thomaidis, N., 12H119 Thomas, D. J., 12C97 Thomassen, Y., 12F89, 12H47 Thomassin, M., 12F101 Thompson, K., 12H311 Thompson, M., 12A64 Thompson, M. L., 12H147 Thompson, N. A., 12F79 Thompson, R., 12D139 Thomson, B. M., 12F157 Thomson, M. A., 12E6 Thormann, W., 12G94, 12G96, 12G134 Thorud, S., 12H47 Thuillier, A., 12G128 Thundat, T., 12D82 Thunnissen, F. B. J. M., 12F359 Thurbide, K. B., 12B11 Thurston, T. J., 12A30 Tian, J. N., 12G246 Tibi, M., 12C83, 12E48 Tien, M. H., 12F29 Tienpont, B., 12G34 Tilimpea, C., 12F283 Timerbaev, A. R., 12H85 Timperman, A. T., 12F213 Ting, B. G., 12F86, 12F91 Tinklenberg, J., 12E103 Tirasoglu, E., 12E40 Tirez, K., 12D86 Tjaden, U. R., 12F118 Toda, K., 12A58 Todoli, J. L., 12C21 Toemkvist, A., 12B28 Toffolo, G., 12F84 Tokalioglu, S., 12H48 Tokeshi, M., 12C61 Tokunaga, M., 12F351 Tollbaeck, P., 12H51 Toltl, N. P., 12B56 Tomas, V., 12G1, 12H203 Tomassetti, M., 12E111, 12H368 Tomassi, A. V., 12H329 Tomaszewski, J. E., 12G120 Tomcik, P., 12D109 Tomei, C., 12A37 Tomida, M., 12C59 Tomura, K., 12H79 Tonelli, D., 12G95

Toney, M. D., 12A49 Tonokura, K., 12H11 Tooke, P., 12F15 Topuz, A., 12H341 Toranelli, M., 12F237 Torano, J. S., 12F80 Toriba, A., 12F77 Toribio, L., 12G69 Torigoe, T., 12F230 Toriumi, C., 12F187 Tornqvist, M., 12F112 Toro, I., 12F147 Torok, S., 12H22 Torre, S. D., 12D112 Torrealday, N., 12G154 Torrence, N. J., 12F22 Torrents, A., 12H69 Torres, B., 12E64 Torres-Lapasio, J. R., 12G142 Tortajada, J., 12H257 Tortajada-Genaro, L. A., 12H60 Torti, L., 12G115 Toschi, T. G., 12H323 Touch, V., 12F249 Tourwe, D., 12D6 Tovar-Sanchez, A., 12F39 Town, R. M., 12H173 Toya, K., 12H281 Toyoda, M., 12B3 Trajkovska, V., 12H356 Tran, H., 12F287 Tran, T. N., 12A18 Traversa, E., 12A91 Trejos, T., 12E8 Tremsin, A. S., 12A74 Treves Brown, B. J., 12E94 Tripet, B., 12F264 Troisi, J., 12A5 Trojanowicz, M., 12D27, 12E120 Trones, R., 12B39, 12F132 Trotta, F., 12D132 Troughton, R. W., 12F231 Trpkovska, M., 12F16 Trujillo, W. A., 12G191, 12G194 Tsai, D. M., 12A69 Tsai, P., 12F306 Tsang, C. W., 12H29 Tsang, K. S., 12F318 Tsao, C. H., 12G243 Tseng, Y. L., 12G193 Tsikas, D., 12F140 Tsim, K. W. K., 12G223 Tsimbalist, V. G., 12E68 Tsoi, P. Y., 12F358 Tsolakis, 1., 12F226 Tsourkas, A., 12F332 Tsuchihashi, H., 12G30 Tsuda, T., 12B5, 12B52, 12F254 Tsuji, N., 12F230 Tsuneyoshi, T., 12H254 Tsunoda, K., 12H233 Tsunoda, M., 12F300 Tu, Q., 12H177 Tuan, N. D., 12F316 Tubaro, M., 12C89 Tubino, M., 12H12 Tuduri, L., 12H39 Tuji, T., 12F58 Tunon-Blanco, P., 12G38 Turci, R., 12F113 Turner, D. R., 12H74 Turney, K., 12C75 Turquini Ferrari, R., 12A73 Turton, D. A., 12C91 Tuyen, B. C., 12H145 Tuzimski, T., 12H201 Twaddle, N. C., 12G180 Twining, B. S., 12F39 Tyagarajan, K., 12F239 Tyrpien, K., 12B67 Tyson, J. F., 12C36

Tzing, S. H., 12E75 Ubillus, M., 12E64 Ucar, G., 12H214 Uchida, T., 12E53 Uchikura, K., 12G254 Uchiyama, K., 12A52, 12B12. 12E15, 12F244 Ueda, H., 12F68 Ueda, Y., 12H16 Ugliano, M., 12H364 Uhlemann, H.-J., 12C31 Ukeda, H., 12E100 Ulber, R., 12A54 Ulberth, F., 12H123 Ullrich, W., 12E3 Ulrich, A., 12E31, 12E69 Umayahara, K., 12F238 Umezawa, Y., 12A67, 12F198, 12F352 Unger, K. K., 12F256 Unger, W. E. S., 12C25 Uno, B., 12H103 Upreti, V. V., 12G251 Urano, Y., 12D49 Urban, J., 12B44 Urry, F. M., 12G93 Usleber, E., 12F97 Uslu, B., 12G18 Usta, M., 12H214 Usui, H., 12H339 Vacca, A., 12D114 Vacchina, V., 12G115 Vadillo, J. M., 12E26 Vaes, W. H. J., 12H143 Vafai, K., 12A87 Vagi, M., 12H119 Vais, V., 12D54 Vajda, N., 12H22 Valadao, C. A. A., 12G260 Vale, M. G. R., 12H208 Valentine, H. L., 12F297 Valentine, W. M., 12F297 Valerio, P., 12E41 Valero, D., 12H336 Valero, F., 12H140 Valin, I., 12C14 Vall, O., 12G61, 12G70 Vallazza, E., 12C65 Vallerga, J. V., 12A74 Valsasina, B., 12F163 Valverde, J. M., 12H336 Val'tsifer, V. A., 12H31 van Alphen, C., 12G12 van Breemen, R. B., 12F391, 12G120 van Campenhout, K., 12F78 van de Bovenkamp, P., 12F78 van de Vijver, K., 12H117 van de Wauw, W., 12G75 van Dedem, G. W. K., 12A38 van der Drift, K., 12F292 van der Greef, J., 12F118 van der Heyden, Y., 12B59 van der Weken, G., 12G50, 12G65 van der Zee, A. G. J., 12F258 van Duynhoven, J., 12C53 van Eeckhoudt, M., 12G235 van Eldik, R., 12E85 van Hulle, M., 12F85 van Kan, H. J. M., 12F80 van Koningsveld, G. A., 12F248 van Leeuwen, H. P., 12H173 van Lieshout, M., 12F391 van Looy, E., 12G76 van Niekerk, L., 12H216 van Pelt, C. K., 12G136 van Puyvelde, L., 12G229 van Riessen, A., 12H75 van Ruth, S. M., 12H265 van Sprang, H. A., 12E13

van Vaeck, L., 12C78 Vanbilloen, H. P., 12F398, 12G235 Vandecasteele, C., 12H123 vander Heyden, Y., 12B41, 12G6, 12G75, 12G76 Vanderghinste, D., 12G235 Vanhaecke, F., 12D26, 12E102, 12G257 Vankeirsbilck, T., 12G65 Vanneste, B., 12H5 Vanni, A., 12H122 Varenne, A., 12F133 Varghese, O. K., 12D78 Vargiu, L., 12G213 Varmuza, K., 12C54 Varshney, G. C., 12F170 Vartanyan, T. A., 12A88 Vasconcelos, M. T. S. D., 12H21 Vasil'ev, V. P., 12D52 Vasquez, B. H. C., 12F235 Vasquez, L., 12F260 Vassallo, J. D., 12F100 Vassileva, E., 12H131, 12H255 Vaz, V. F., 12H65 Vazquez, M. J., 12D10 Vazquez Pelaez, M., 12E24 Veit, M., 12F55 Vejrup, K. V., 12H161 Vekes, E., 12D6 Velarte, R., 12H315 Velasco, V., 12D126 Velasco-Negueruela, A., 12E108 Velichkov, S., 12E36 Velioglu, Y. S., 12H333 Vencill, W. K., 12H175 Vender, C., 12H216 Venkataramani, B., 12D29 Venkateswarlu, N., 12A9, 12H200 Venner, B. C., 12H8 Ventura, F., 12H76 Venzago, C., 12E23 Verbeke, K., 12G10 Verboven, P., 12H338 Verbruggen, A. M., 12F398, 12G10, 12G235 Vercauteren, A., 12G65 Verduyckt, T., 12G10 Veres, K., 12G206 Vergizova, V., 12C28 Verhe, R., 12H308 Verhoeven, M. A., 12F391 Veriotti, T., 12B8 Verleyen, T., 12H308 Verma, K. K., 12H107 Verma, N., 12G227 Verma, S. P., 12D9 Vermeersch, H., 12G229 Vershinin, V. I., 12A12 Veselova, I. A., 12F36 Veuthey, J.-L., 12B63, 12G99 Viano, J., 12G217 Vidal, J. C., 12F134 Vidal-Madjar, C., 12B31 Viernstein, H., 12G164 Viet, P. H., 12H145 Vigh, G., 12D101 Vignani, R., 12H212 Vijayan, V., 12F105 Vijgen, H., 12E3 Vilkova, O. M., 12H156 Villanueva, J., 12E59 Villaplana, C., 12H347 Villareal, V., 12F1 Villari, A., 12G47 Villet, A., 12F276 Vincent, S., 12G230 Vincenzoni, F., 12F99 Vinci, G., 12H305 Vincieri, F., 12G241 Vincze, L., 12H22

Vinkler, P., 12G233 Violante, N., 12F67 Visicchio, R., 12F161 Viskari, P. J., 12F176 Visky, D., 12B41 Visser, A. J. W. G., 12F248 Viswanathan, V. V., 12D67 Vitali, A., 12F99 Vitenberg, A. G., 12A47 Viteri, F. E., 12F84 Vitoriano Oliveira, P., 12H314 Vives, M., 12F345 Vladescu, L., 12H240 Vladimirov, S., 12G144 Vlasov, Y. G., 12A55 Vlcek, J., 12C1 Vodopivec, M., 12B4 Vodovotz, Y., 12H272 Voelter, W., 12F275 Vogl., J., 12C85 Vogt, F., 12A33 Vogt, S., 12F39 Vollmer, M., 12F261 Volmer, D. A., 12F110, 12G156 von Baer, D., 12H353 von Holst, C., 12H206 Vonderheide, A. P., 12H99, 12H101, 12H365 Vonk, E. C., 12B47 Vonmont, H., 12E31 Voorspoels, S., 12H26 Vora, S. B., 12E66 Voragen, A. G. J., 12F248, 12F389 Voronov, M., 12C28 Votruba, J., 12F285 Vreuls, R. J. J., 12B18 Vu, T. L., 12G99 Vucelick, M. E., 12B14 Vuori, E., 12G32 Vynios, D. H., 12F115 Waarlo, H.-J., 12H137 Wabomba, M. J., 12F121 Wadsak, W., 12G164 Waetjen, U., 12E32 Wagner, H., 12C64 Wagner, H. P., 12H109 Wahl, H.-G., 12F275 Wahl, J. H., 12B14 Wahl, M. A., 12G141 Wahlen, R., 12H157, 12H162 Wahlund, K.-G., 12C11, 12H230, 12H348 Wahoud, A., 12E45 Walczak, B., 12H9 Waldman, R., 12F380 Waldner, M., 12F275 Walenta, A. H., 12C64 Walker, H., 12F111 Walmsley, A. D., 12A25 Walsh, K. R., 12H272 Walsh, S. L., 12G165 Walt, D. R., 12A59 Walter, E. C., 12D33 Wan, M., 12E95 Wan, T. L., 12G22 Wang, B. Q., 12F341 Wang, C. C., 12G167 Wang, F., 12C60 Wang, G. F., 12G247 Wang, H., 12F173, 12F355, 12F375 Wang, J., 12A70, 12D46, 12F219, 12F298, 12F336, 12F354, 12H18, 12H84 Wang, J. J., 12F81 Wang, J. N., 12G226 Wang, K., 12F210 Wang, L., 12F375, 12F376, 12G245, 12G247 Wang, L. J., 12H373 Wang, M., 12B13

van Staden, J. F., 12F399, 12G169

Tzang, C. H., 12E16

Wang, O., 12G195 Wang, Q. J., 12H358 Wang, Q. Q., 12H159 Wang, S. F., 12G204 Wang, T., 12B49 Wang, W., 12H212 Wang, W. X., 12F204 Wang, X., 12F178 Wang, X. P., 12H207 Wang, X. Q., 12D113 Wang, Y., 12F8, 12F103, 12F391 Wang, Y. B., 12F347 Wang, Y. C., 12H128 Wang, Y. P., 12F296 Wang, Z. P., 12G201 Wang, Z. Y., 12H165 Ward, D. C., 12E79 Ward, E. M., 12G261 Warneke, T., 12D61 Warner, I. M., 12B60 Warowna-Grzeskiewicz, M., 12G48 Warrand, J., 12H211 Warren, C. M., 12F179 Warrick, J., 12C26 Warwick, P. E., 12D61 Washiyama, K., 12F58 Wasim, M., 12A27 Watanabe, K., 12H78 Watanabe, M., 12H145 Watanabe, N., 12F230 Watanabe, T., 12H78 Watanabe, Y., 12H91 Watkins, J. J., 12D12 Watson, A. A., 12H222 Watson, C. H., 12H34 Watson, D. G., 12F384 Weaver, J., 12F306 Weber, S. G., 12G129 Webster, L., 12H301 Weel, K. G. C., 12F389 Wegner, G. J., 12F201 Wegscheider, W., 12C73, 12E49 Wehmeier, S., 12D91 Wehrens, R., 12A18, 12C53, 12E13 Wei, C., 12F85 Wei, M. C., 12H183 Wei, Y., 12F328 Wei, Y. Y., 12G240 Weingarten, A., 12H311 Weiss, D. J., 12H367 Weiss, Z., 12C1, 12C29 Welch, M. J., 12G21 Welch, R. M., 12F84 Weller, M. G., 12F220 Wells, D., 12H116 Welty, A. V., 12E82 Welz, B., 12F88, 12H208 Welzig, E., 12A2, 12H262 Wen, B., 12H189, 12H207 Wen, R. M., 12H148 Wennrich, L., 12A44 Wennrich, R., 12C45 Wenzel, U., 12E3 Werner, J. H., 12C57 Werner, T., 12F33 Werthenbach, U., 12C64 Weschler, C., 12H44 West, C. E., 12F391 West, M., 12C23 Westad, F., 12A20 Wester, D. W., 12H142 Westerhuis, J. A., 12A31 Wetterhall, M., 12A95 Wetzig, K., 12C25, 12C31, 12C38, 12C39 Whangbo, S. H., 12F223 Wheeler, J. F., 12F366 White, H. S., 12D12

White, M. A., 12F188

Whitesides, G. M., 12E84

Whitten, W. B., 12C17, 12H33 Whittle, D. M., 12H286 Wichser, A., 12E31, 12E69 Wieczorek, P., 12D110, 12D121 Wiedmer, S. K., 12F381 Wienhaus, O., 12H204 Wiggins, K. G., 12E1 Wiktorowicz, J. E., 12F239 Wildsmith, S. E., 12F15 Wiles, J. A., 12E84 Wilken, L., 12C31, 12C38, 12C39 Wilken, R.-D., 12H163 Willard, D. M., 12A1 Willbold, M., 12E47 Willett, G. D., 12D40 Williams, A. A., 12B60 Williams, J. G., 12C78 Williams, R. J., 12H90 Williams, T., 12F362 Williams, T. D., 12G168 Willis, R. A., 12F304 Wilm, M., 12F292 Wilson, I. D., 12F18, 12F111 Wilson, R., 12E83 Wilson, S. R., 12D64 Windischhofer, W., 12F155 Wink, M., 12F250 Winkels, S., 12F146 Winkleman, A., 12E84 Winkler, W., 12G170 Winograd, N., 12F10 Winter, P., 12F236 Wirth, U., 12F290 Wirtz, T., 12C90 Wise, B. M., 12A60, 12H139 Wiseman, A. G., 12C34 Wishnok, J. S., 12F184 Wislocki, P. G., 12H311 Wistuba, D., 12D102 Witowska-Jarosz, J., 12E123 Wittemer, S. M., 12F55 Wittenberg, N., 12F13 Wittgren, B., 12C11 Wobrauschek, P., 12C23 Woerdenbag, H. J., 12D123 Wojcik, J., 12D5 Wolf, C., 12F43, 12F216 Wolf, M., 12E85 Wolf-Briche, C., 12H157 Wolfbeis, O. S., 12F33, 12F305 Wolff-Briche, C., 12H162 Wolska, L., 12H17 Wong, C. T., 12H296 Wong, E. L. S., 12F334 Wong, R. N. S., 12G249 Woo, S. O., 12G228 Woodhouse, L. R., 12F84 Woods, L. A., 12F378 Woody, N. A., 12A21 Workman, H., 12D108 Workman, J., Jr., 12C9 Workman, P., 12F180 Worsfold, P. J., 12H74 Wright, B. W., 12B14 Wroblewski, W., 12D38 Wu, A. B., 12G41 Wu, C. H., 12F152 Wu, H. L., 12G98 Wu, L. Q., 12B29 Wu, M., 12F305 Wu, M. C., 12H256 Wu, M. H., 12A85, 12H54 Wu, S. H., 12C40 Wu, S. M., 12G98 Wu, W., 12F15 Wu, W. J., 12H34 Wu, W. W., 12H68 Wu, W. Y., 12F29 Wu, X., 12F174, 12F347 Wu, X. J., 12H304

Wu, X. P., 12F145

Wu, X. Z., 12D88 Wuester, W., 12F109 Wuilloud, R. G., 12H101 Wunderli S 12A13 12H354 Wyszecka-Kaszuba, E., 12G48 Wyvratt, J., 12D139 Xhoffer, C., 12E22 Xia, Q. C., 12F287 Xia, Y. N., 12D39 Xian, Y. Z., 12F296 Xiao, H. B., 12G226 Xiao, L. T., 12H205 Xiao, T. L., 12B40 Xie, B., 12F337 Xie, F., 12H57 Xie, J., 12F163 Xie, J. W., 12G97 Xie, M. X., 12H57 Xie, Q. J., 12F348 Xing, L., 12H128 Xiong, G. H., 12F42 Xu, D., 12D113 Xu, F., 12F350 Xu, G. W., 12F30, 12F364 Xu, J., 12C17 Xu, J. M., 12F296 Xu, L., 12G53, 12H174 Xu, Q., 12G226 Xu, W. J., 12G53 Xu, X. J., 12G199 Xu, X. X., 12D47, 12D71 Xu, Y., 12G152 Xu, Y. Q., 12F332 Xue, M., 12F355 Xylourgidis, N., 12H119 Yabushita, Y., 12F58 Yadav, A. K., 12H215 Yagihashi, A., 12F230 Yakovleva, J., 12H195 Yakshin, V. V., 12H156 Yamada, A., 12F288 Yamaguchi, H., 12E18, 12E20 Yamaguchi, M., 12D105, 12F153 Yamamoto, A., 12D103 Yamamoto, F., 12F362, 12F362 Yamamoto, K., 12E87, 12H97 Yamamoto, M., 12F362 Yamashita, N., 12B17 Yan, H., 12H159 Yan, W., 12F336 Yan, X. P., 12F24 Yanagida, Y., 12F7 Yanagisawa, Y., 12H43 Yandle, T. G., 12F231 Yang, G. S., 12D113, 12D130 Yang, J., 12E16 Yang, J. C., 12H55 Yang, J. H., 12F174, 12F347 Yang, J. M., 12F377 Yang, J. W., 12H102 Yang, L., 12H290, 12H299 Yang, L. H., 12F41 Yang, L. L., 12H210 Yang, L. M., 12H159 Yang, M., 12A87 Yang, M. S., 12E16, 12F358 Yang, Q., 12F30, 12F364 Yang, R. H., 12D115 Yang, T. X., 12F173 Yang, W. H., 12F346 Yang, W. R., 12D40 Yang, X., 12F371, 12G97 Yang, Y. C., 12G224 Yang, Y. J., 12H339 Yang, Y. M., 12A78 Yang, Y. Z., 12F263 Yano, Y., 12C88 Yantasee, W., 12D67 Yao. S. Z., 12F348 Yasuhara, A., 12E96 Yatabe, K., 12C70

Yates, J. R., III, 12F191

Yatsimirskii, V. K., 12H58 Yau, W. P., 12G140 Ye, Y., 12G113 Yekkala, R., 12G73 Yeung, E. S., 12F331 Yeung, K. K.-C., 12F214 Yi, E. C., 12F289 Yi, S. J., 12F293 Yin, M. M., 12B13 Ying, J. M., 12G121 Yokobori, T., 12D74 Yokoo, M., 12H339 Yonetani, A., 12H97 Yoshida, H., 12D105, 12G106 Yoshii, K., 12C96 Yoshikawa, M., 12G106, 12H254, 12H339 Yoshimoto, K., 12D74 Yoshimoto, T., 12B17 Yoshioka, K.-I., 12A58 Yoshitake, T., 12F153 Yost, R. A., 12H68 You, H. Y., 12B30 Youn, S. M., 12H151 Yousefi, M., 12D48 Yu, G., 12H121 Yu, H., 12H358 Yu, H. Z., 12F335 Yu, K., 12H7 Yu, L. L., 12A7 Yu, R. Q., 12A79, 12D129, 12G71, 12G97, 12G123, 12H205 Yu, Z. L., 12H56 Yuan, B., 12C59 Yuan, K., 12F363 Yuan, R., 12G53 Yuan, S. L., 12D113 Yuan, T., 12H149 Yuchi, A., 12D16, 12E53 Yuen, K. H., 12F154 Yuk, J. S., 12F293 Yurawecz, M. P., 12F137 Yusof, N. A., 12A83 Zachara, J., 12D38 Zachariadis, G. A., 12H94 Zadrozna, I., 12E123 Zafrilla, P., 12H360 Zagatto, E. A. G., 12G44 Zajdel, P., 12B65 Zakrzewski, R., 12F284 Zamora, R., 12F245 Zanella, R., 12H125 Zanjanchi, M. A., 12G171 Zapatero, C., 12D10 Zarrine-Afsar, A., 12F308 Zayakina, S. B., 12E68 Zderadicka, P., 12E106 Zdravkovski, Z., 12G231 Zegers, B. N., 12H172 Zeichner, A., 12E2 Zeiller, E., 12A3 Zelesky, T., 12G8 Zemaitis, M. A., 12F141 Zemanian, T. S., 12D67 Zemann, A., 12F316 Zen, J. M., 12A69 Zendelovska, D., 12G150 Zeng, G. M., 12G123, 12G123, 12H205 Zeng, R., 12F287 Zerbinati, O., 12D132 Zettinig, G., 12G164 Zhai, S. Y., 12A68 Zhang, B., 12D65 Zhang, C., 12F85 Zhang, C. G., 12F337 Zhang, C. X., 12F178 Zhang, D. B., 12H242 Zhang, D. Q., 12H210 Zhang, F., 12B58 Zhang, G. X., 12F122

Zhang, H., 12H134 Zhang, H. S., 12F173 Zhang, H. T., 12F360 Zhang, H. X., 12F214 Zhang, J., 12F114 Zhang, J. F., 12H44 Zhang, J. J., 12H294 Zhang, J. Y., 12G246 Zhang, M. Q., 12D1 Zhang, N., 12G245 Zhang, R., 12F199 Zhang, R. H., 12G252 Zhang, S., 12F210 Zhang, S. Q., 12G87 Zhang, S. Z., 12H207 Zhang, T. Y., 12G259 Zhang, W., 12F188 Zhang, W. B., 12B30 Zhang, W. Q., 12B46 Zhang, X., 12A87, 12F59, 12G129, 12G201 Zhang, X. B., 12F346, 12F371

Zhang, X. E., 12F337

Zhang, X. M., 12F358, 12G205 Zhang, X. R., 12F85 Zhang, X. Z., 12G226 Zhang, Y., 12F30, 12F178, 12F213, 12F364, 12F371 Zhang, Y. C., 12H272 Zhang, Y. F., 12D82, 12H148 Zhang, Y. H., 12A35, 12D94 Zhang, Y. K., 12B30 Zhang, Y. X., 12F28 Zhang, Y. Y., 12F348 Zhang, Z. B., 12H128 Zhang, Z. C., 12F279 Zhang, Z. J., 12G201 Zhang, Z. L., 12H121 Zhang, Z. P., 12F337 Zhang, Z. R., 12F122 Zhang, Z. X., 12H103 Zhao, C. S., 12G252 Zhao, C. X., 12F30, 12F364 Zhao, F. L., 12D115 Zhao, H., 12G129 Zhao, K. J., 12G223 Zhao, M., 12F56 Zhao, S. L., 12F211

Zhao, Y. M., 12F188 Zhao, Y. X., 12F188 Zhao, Z. F., 12F145, 12G52 Zhao, Z. S., 12F347 Zhavoronkova, A. M., 12F36 Zheng, F. Y., 12H132 Zheng, J., 12H4 Zheng, J. J., 12F331 Zheng, J. T., 12A89 Zheng, N., 12F279 Zherdev, A. V., 12H195 Zhi, Z. L., 12F11 Zhong, J. Q., 12C4 Zhou, D. M., 12F195 Zhou, F. M., 12F336 Zhou, H. H., 12F204 Zhou, J. S., 12G113 Zhou, J. Y., 12G77 Zhou, K. Z., 12C19 Zhou, L., 12D113, 12D139 Zhou, Q. X., 12E117, 12H124 Zhou, Q. Y., 12G140 Zhou, R., 12H228 Zhou, X. M., 12F363

Zhou, Y. F., 12F337 Zhou, Y. X., 12F3 Zhu, C. Q., 12F376 Zhu, J. Z., 12F122 Zhu, W., 12D124 Zhu, X. Y., 12B46, 12D94 Zhuang, G. S., 12H57 Zimmer, D., 12G35 Zironi, E., 12H313 Zoellner, P., 12H262 Zoghbi, M. das G. B., 12E98, 12G215 Zollo, P. H. A., 12H217 Zoriy, M., 12H191 Zorro, L., 12H352 Zou, H. F., 12B36, 12F127 Zuloaga, O., 12H157 Zuppi, C., 12F99 Zurita, C., 12F1 Zygadlo, J. A., 12G218 Zygmunt, B., 12D5 Zykin, I. A., 12H136 Zyrnicki, W., 12C35

Zhou, X. Z., 12A49

